# Desco Dry Moly Lubricant Safety Data Sheet



## 1. Identification of the Substance/Mixture and of the Company/Undertaking

| Product number                              | 932016   |
|---|--|
| Product identifier                          | Desco Dry Moly Lubricant   |
| Company information                         | South Coast Products<br>20 Southbelt Industrial Dr.<br>Houston, TX 77047 USA |
| Company phone                               | General Assistance 713-225-0048  |
| Emergency telephone US                      | 1-800-255-3924, 24 hrs   |
| Emergency telephone outside<br>US           | 1-813-248-0585, 24 hrs   |
| Recommended use<br>Recommended restrictions | Dry Lubricant<br>None known.   |

#### 2. Hazard(s) identification

| Physical hazards      | Flammable aerosols                                     | Category 1                  |
|-----------------------|--|-----------------------------|
| Health hazards        | Skin corrosion/irritation                              | Category 2                  |
|                       | Serious eye damage/eye irritation                      | Category 2A                 |
|                       | Sensitization, skin                                    | Category 1                  |
|                       | Carcinogenicity  | Category 2                  |
|                       | Reproductive toxicity                                  | Category 1A                 |
|                       | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
|                       | Specific target organ toxicity, repeated exposure      | Category 2                  |
|                       | Aspiration hazard                                      | Category 1                  |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard     | Category 2                  |
|                       | Hazardous to the aquatic environment, long-term hazard | Category 2                  |
| OSHA defined hazards  | Not classified.  |                             |

Label elements

Signal word

Hazard statement



Danger

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

| Response                                     | If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |
|--|--|
| Storage                                      | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from<br>sunlight. Do not expose to temperatures exceeding 50°C/122°F.  |
| Disposal                                     | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| Hazard(s) not otherwise<br>classified (HNOC) | None known.  |
| Supplemental information                     | 66.69% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 66.69% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.  |

## 3. Composition/information on ingredients

**Mixtures** 

| Chemical name                           | Common name and synonyms | CAS number | %        |
|---|--------------------------|------------|----------|
| Acetone                                 |                          | 67-64-1    | 20 - 40  |
| Butane                                  |                          | 106-97-8   | 20 - 40  |
| Aliphalic Petroleum Solvent             |                          | 64742-89-8 | 10 - 20  |
| Propane                                 |                          | 74-98-6    | 10 - 20  |
| Magnesium Silicate                      |                          | 14807-96-6 | 2.5 - 10 |
| n-Heptane                               |                          | 142-82-5   | 2.5 - 10 |
| Toluene                                 |                          | 108-88-3   | 2.5 - 10 |
| Cyclohexane                             |                          | 110-82-7   | 0.1 - 1  |
| Methyl Ethyl Ketoxime                   |                          | 96-29-7    | 0.1 - 1  |
| n-Hexane                                |                          | 110-54-3   | 0.1 - 1  |
| Other components below reportable level | S                        |            | 10 - 20  |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

None known.

#### 4. First-aid measures

| Inhalation   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.   |
|--|---|
| Skin contact   | Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin.                             |
| Eye contact  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.                                     |
| Ingestion  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis. |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Irritation of eyes and mucous membranes. May cause allergic skin reaction. Prolonged exposure may cause chronic effects. May cause drowsiness or dizziness.   |
| Indication of immediate<br>medical attention and special<br>treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| General information  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to<br>protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated<br>clothing before reuse.                  |
| 5. Fire-fighting measures  |   |
| Suitable extinguishing media   | Powder. Alcohol resistant foam. Carbon dioxide (CO2).   |

Unsuitable extinguishing

media

| Specific hazards arising from the chemical                                | Contents under pressure. Pressurized container may explode when exposed to heat or flame.  |
|---|--|
| Special protective equipment<br>and precautions for firefighters          | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| Fire-fighting<br>equipment/instructions                                   | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.   |
| Specific methods  | Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.  |
| General fire hazards  | Extremely flammable aerosol.   |
| 6. Accidental release mea   | sures  |
| Personal precautions,<br>protective equipment and<br>emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing gas. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| Methods and materials for containment and cleaning up                     | Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS. |

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic **Environmental precautions** environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

| Precautions for safe handling                                   | Obtain special instructions before use. Do not handle until all safety precautions have been read<br>and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray<br>button is missing or defective. Do not spray on a naked flame or any other incandescent material.<br>Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill,<br>grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used<br>when handling the product must be grounded. Ground and bond containers when transferring<br>material. Do not re-use empty containers. Do not breathe gas. Avoid contact with skin. Avoid<br>contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use<br>only in well-ventilated areas. Use personal protective equipment as required. Observe good<br>industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after<br>handling. Do not empty into drains. |
|---|--|
| Conditions for safe storage,<br>including any incompatibilities | Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.   |

#### 8. Exposure controls/personal protection

#### **Occupational exposure limits**

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                    | Туре | Value      |  |
|-------------------------------|------|------------|--|
| Acetone (CAS 67-64-1)         | PEL  | 2400 mg/m3 |  |
|                               |      | 1000 ppm   |  |
| Cyclohexane (CAS<br>110-82-7) | PEL  | 1050 mg/m3 |  |
|                               |      | 300 ppm    |  |
| n-Heptane (CAS 142-82-5)      | PEL  | 2000 mg/m3 |  |
|                               |      | 500 ppm    |  |
| n-Hexane (CAS 110-54-3)       | PEL  | 1800 mg/m3 |  |
|                               |      | 500 ppm    |  |
| Propane (CAS 74-98-6)         | PEL  | 1800 mg/m3 |  |
| , ,                           |      | 1000 ppm   |  |

| TWA2US. OSHA Table Z-3 (29 CFR 1910.1000)TypeVMagnesium Silicate (CASTWA014807-96-6)0ACGIH2ComponentsTypeVAliphalic Petroleum SolventTWA4(CAS 64742-89-8)US. ACGIH Threshold Limit ValuesVComponentsTypeVActone (CAS 67-64-1)STEL7TWA55StEL11Cyclohexane (CAS 106-97-8)STEL11Cyclohexane (CAS 142-82-5)STEL11TUAA4459Magnesium Silicate (CASTWA2Itale0-96)TWA11n-Hexane (CAS 110-54-3)TWA59Toluene (CAS 108-88-3)TWA22US. NIOSH: Pocket Guide to Chemical Hazards20ComponentsTypeVAcetone (CAS 106-97-8)TWA22Butane (CAS 108-88-3)TWA22US. NIOSH: Pocket Guide to Chemical Hazards22ComponentsTypeVAcetone (CAS 106-97-8)TWA22Butane (CAS 106-97-8)TWA24TWA36Cyclohexane (CAS 142-82-5)Ceiling1110-82-7)33TWA24Magnesium Silicate (CASTWA24TWA3844Cyclohexane (CAS 110-54-3)TWA36n-Hexane (CAS 110-54-3)TWA36n-Hexane (CAS 110-54-3)TWA36n-Hexane (CAS 110-54-3)T  | Value      |                      |
|--|------------|----------------------|
| TWA     2       US. OSHA Table Z-3 (29 CFR 1910.1000)     Type     V       Magnesium Silicate (CAS     TWA     0       14807-96-6)     0     2       ACGIH     2     2       ACGIH     2     2       ACGIH     7     2       Components     Type     V       Aliphalic Petroleum Solvent     TWA     4       CAS 64742-89-8)     US. ACGIH Threshold Limit Values     7       Components     Type     V       Actone (CAS 67-64-1)     TEL     7       TWA     55     51     11       Cyclohexane (CAS 106-97-8)     STEL     11       Cyclohexane (CAS 110-54-3)     TWA     2       Ita807-96-6)     TWA     2       n-Hexane (CAS 110-54-3)     TWA     2       US. NIOSH: Pocket Guide to Chemical Hazards     2       Components     Type     V       Acetone (CAS 106-97-8)     TWA     2       US. NIOSH: Pocket Guide to Chemical Hazards     2       Components     Type  | 300 ppm    |                      |
| ComponentsTypeVMagnesium Silicate (CASTWA014807-96-6)022ACGIH2ComponentsTypeVAliphalic Petroleum Solvent<br>(CAS 64742-89-8)TWA420ACGIH Threshold Limit Values<br>Components7ComponentsTypeVAcetone (CAS 67-64-1)STEL7Statane (CAS 106-97-8)STEL1Cyclohexane (CASTWA1110-82-7)STEL1Magnesium Silicate (CASTWA214807-96-6)TWA2n-Heptane (CAS 110-54-3)TWA4Toluene (CAS 108-88-3)TWA2US. NOSH: Pocket Guide to Chemical Hazards2ComponentsTypeVAcetone (CAS 67-64-1)TWA2Butane (CAS 106-97-8)TWA2US. NOSH: Pocket Guide to Chemical Hazards2ComponentsTypeVAcetone (CAS 67-64-1)TWA2Butane (CAS 106-97-8)TWA110-82-7)33Magnesium Silicate (CASTWA214807-96-6)TWA1n-Hexane (CAS 110-54-3)TWA3n-Hexane (CAS 110-54-3)TWA3n-Hexane (CAS 110-54-3)TWA1Toluene (CAS 110-54-3)TWA1Toluene (CAS 110-54-3)TWA1TWA35Propane (CAS 110-54-3)TWA1Toluene (C  | 200 ppm    |                      |
| International Solution Solutite Solution Soluti Solution Solution Solution Solu  |            |                      |
| 14807-96-6)   0     ACGIH   2     Components   Type   V     Niphalic Petroleum Solvent   TWA   4     CAS 64742-89-8)   JS. ACGIH Threshold Limit Values   7     Components   Type   V     Vacetone (CAS 67-64-1)   STEL   7     Sutane (CAS 106-97-8)   STEL   1     Cyclohexane (CAS   TWA   2     Magnesium Silicate (CAS   TWA   2     J4807-96-6)   STEL   5     -Heptane (CAS 110-54-3)   TWA   2     J35. NIOSH: Pocket Guide to Chemical Hazards   2   2     Components   Type   V   2     Sutane (CAS 106-97-8)   TWA   2   2     J5. NIOSH: Pocket Guide to Chemical Hazards   2   2     Components   Type   V   2     Acetone (CAS 106-97-8)   TWA   2   2     Sutane (CAS 106-97-8)   TWA   1   1     Cyclohexane (CAS 142-82-5)   Ceiling   1   1     Cyclohexane (CAS 142-82-5)   Ceiling   1   1 <t< td=""><td>Value</td><td>Form</td></t<>  | Value      | Form                 |
| ACGIH<br>Components Type V<br>Niphalic Petroleum Solvent TWA 4<br>CAS 64742-89-8)<br>JS. ACGIH Threshold Limit Values<br>Components Type V<br>Acetone (CAS 67-64-1) STEL 7<br>TWA 55<br>Sutane (CAS 106-97-8) STEL 11<br>Cyclohexane (CAS 106-97-8) STEL 11<br>Cyclohexane (CAS TWA 11<br>10-82-7) TWA 22<br>Hebrane (CAS 142-82-5) STEL 55<br>TWA 24<br>TWA 24<br>Hebrane (CAS 110-54-3) TWA 25<br>Somponents Type V<br>Acetone (CAS 108-88-3) TWA 25<br>Sutane (CAS 106-97-8) TWA 25<br>Sutane (CAS 108-88-3) TWA 25<br>Sutane (CAS 106-97-8) TWA 25<br>Sutane (CAS 110-54-3) TWA 26<br>Sutane (CAS 110-54-3) TWA 27<br>Sutane (CAS 110-54-3) TWA 26<br>Sutane (CAS 110-54-3   | 0.3 mg/m3  | Total dust.          |
| ACGIH<br>Components Type V<br>Aliphalic Petroleum Solvent TWA 4<br>(CAS 64742-89-8)<br>US. ACGIH Threshold Limit Values<br>Components Type V<br>Acetone (CAS 67-64-1) STEL 7.<br>TWA 55<br>Butane (CAS 106-97-8) STEL 11<br>10-82-7)<br>Wagnesium Silicate (CAS TWA 2<br>14807-96-6) TWA 2<br>Habor - A 2<br>TWA 4<br>n-Hexane (CAS 110-54-3) TWA 55<br>Toluene (CAS 110-54-3) TWA 55<br>Toluene (CAS 67-64-1) TWA 55<br>Toluene (CAS 108-88-3) TWA 22<br>US. NIOSH: Pocket Guide to Chemical Hazards<br>Components Type V<br>Acetone (CAS 67-64-1) TWA 55<br>Type V<br>Acetone (CAS 164-78) TWA 22<br>Butane (CAS 106-97-8) TWA 23<br>Butane (CAS 106-97-8) TWA 35<br>Cyclohexane (CAS 142-82-5) Ceiling 11<br>110-82-7) 3<br>Magnesium Silicate (CAS 17WA 2<br>Habor - A 2<br>Butane (CAS 110-54-3) TWA 11<br>110-82-7) 3<br>Magnesium Silicate (CAS 110-54-3) TWA 12<br>Butane (CAS 110-54-3) TWA 15<br>TWA 38<br>n-Hexane (CAS 110-54-3) TWA 15<br>TWA 1   | 0.1 mg/m3  | Respirable.          |
| ACGIH<br>Components Type V<br>Aliphalic Petroleum Solvent TWA 4<br>CAS 64742489-8)<br>JS. ACGIH Threshold Limit Values<br>Components Type V<br>Acetone (CAS 67-64-1) STEL 7,<br>TWA 55<br>Butane (CAS 106-97-8) STEL 110-82-7)<br>Wagnesium Silicate (CAS TWA 110-82-7)<br>Wagnesium Silicate (CAS TWA 2<br>14807-96-6)<br>1-Heptane (CAS 142-82-5) STEL 55<br>TWA 44<br>1-Hexane (CAS 110-54-3) TWA 44<br>1-Hexane (CAS 110-54-3) TWA 45<br>Foluene (CAS 108-88-3) TWA 22<br>JS. NIOSH: Pocket Guide to Chemical Hazards<br>Components Type V<br>Acetone (CAS 16-97-8) TWA 55<br>Sutane (CAS 16-97-8) TWA 1110-82-7)<br>Wagnesium Silicate (CAS TWA 22<br>JS. NIOSH: Pocket Guide to Chemical Hazards 22<br>Components Type V<br>Acetone (CAS 16-97-8) TWA 31<br>Butane (CAS 110-54-3) TWA 32<br>Sutane (CAS 142-82-5) Ceiling 112<br>Ha807-96-6)<br>1-Heptane (CAS 110-54-3) TWA 33<br>HAA 33<br>HAA 33<br>HAA 33<br>HAA 34<br>TWA 33<br>HAA 34<br>TWA 34  | 20 mppcf   |                      |
| ComponentsTypeVAliphalic Petroleum Solvent<br>CAS 64742-89-8)TWA4JS. ACGIH Threshold Limit Values<br>ComponentsTypeVAcetone (CAS 67-64-1)STEL7:TWA53STEL11Dyclohexane (CAS 106-97-8)STEL11Dyclohexane (CASTWA2Wagnesium Silicate (CASTWA214807-96-6)TWA21-Heptane (CAS 110-54-3)TWA441-Hexane (CAS 110-54-3)TWA22JS. NIOSH: Pocket Guide to Chemical Hazards2ComponentsTypeVAcetone (CAS 106-97-8)TWA21Sutane (CAS 106-97-8)TWA21Soutane (CAS 110-54-3)TWA22JS. NIOSH: Pocket Guide to Chemical Hazards2ComponentsTypeVAcetone (CAS 106-97-8)TWA11Cyclohexane (CAS 106-97-8)TWA11Cyclohexane (CAS 110-54-3)TWA22Jautane (CAS 110-54-3)TWA24TWA3314Cyclohexane (CAS 110-54-3)TWA34Twa3535Ceiling11Toluene (CAS 108-88-3)STEL55Cropane (CAS 110-54-3)TWA11Toluene (CAS 110-54-3)TWA11Toluene (CAS 108-88-3)STEL55Coropane (CAS 108-88-3)STEL56Toluene (CAS 108-88-3)STEL56Toluene (CAS 108-88-3)STEL56 <td>2.4 mppcf</td> <td>Respirable.</td>   | 2.4 mppcf  | Respirable.          |
| Jiphalic Petroleum Solvent   TWA   44     AAS 64742-89-8)   JS. ACGIH Threshold Limit Values   V     Components   Type   V     Vacetone (CAS 67-64-1)   STEL   7     Sutane (CAS 106-97-8)   STEL   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS 142-82-5)   STEL   51     -Heptane (CAS 110-54-3)   TWA   44     -Hexane (CAS 110-54-3)   TWA   22     JS. NIOSH: Pocket Guide to Chemical Hazards   20   22     Components   Type   V     Acetone (CAS 106-97-8)   TWA   22     Sutane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS 106-97-8)   TWA   12     Sutane (CAS 110-54-3)   TWA   24     Cyclohexane (CAS 142-82-5)   Ceiling   11     Colexane (CAS 110-54-3)   TWA   24     TWA   33   34   34     Cyclohexane (CAS 110-54-3) <td></td> <td></td>  |            |                      |
| CAS 64742-89-8)   Type   V     Somponents   Type   V     Coctone (CAS 67-64-1)   STEL   7.     Sutane (CAS 106-97-8)   STEL   11     Cyclohexane (CAS   TWA   10     System (CAS 106-97-8)   STEL   11     Cyclohexane (CAS   TWA   11     10-82-7)   Aagnesium Silicate (CAS   TWA   2     Agor.96-6)   TWA   4   4     I-Heptane (CAS 110-54-3)   TWA   4     I-Hexane (CAS 108-88-3)   TWA   2     Solutane (CAS 67-64-1)   TWA   2     Somponents   Type   V     Cyclohexane (CAS 106-97-8)   TWA   2     Sutane (CAS 106-97-8)   TWA   1     Syclohexane (CAS 106-97-8)   TWA   1     Cyclohexane (CAS 106-97-8)   TWA   1     Syclohexane (CAS 110-54-3)   TWA   1     Aagnesium Silicate (CAS   TWA   2     Ador-96-6)  | Value      |                      |
| JS. ACGIH Threshold Limit Values     Type     V       Components     Type     V       Acetone (CAS 67-64-1)     STEL     7       TWA     55       Butane (CAS 106-97-8)     STEL     11       Cyclohexane (CAS     TWA     11       Dyclohexane (CAS     TWA     11       Dyclohexane (CAS 110-54-3)     TWA     2       H4807-96-6)     TWA     44       -Heytane (CAS 110-54-3)     TWA     44       -Hexane (CAS 108-88-3)     TWA     20       JS. NIOSH: Pocket Guide to Chemical Hazards     20     20       Components     Type     V       Acetone (CAS 106-97-8)     TWA     11       Sutane (CAS 106-97-8)     TWA     12       Sutane (CAS 106-97-8)     TWA     11       Cyclohexane (CAS 106-97-8)     TWA     12       Sutane (CAS 106-97-8)     TWA     14807-96-6)       -Heptane (CAS 110-54-3)     TWA     14807-96-6)       -Heptane (CAS 110-54-3)     TWA     14807-96-6)       -Heptane (CAS 110-54-3)     TWA <td>400 ppm</td> <td></td>  | 400 ppm    |                      |
| Type     V       Acetone (CAS 67-64-1)     STEL     7       TWA     55       Butane (CAS 106-97-8)     STEL     11       Dyclohexane (CAS     TWA     11       10-82-7)     Magnesium Silicate (CAS     TWA     2       14807-96-6)     TWA     2     5       1-Heptane (CAS 110-54-3)     TWA     44       1-Hexane (CAS 110-54-3)     TWA     2       Stoluene (CAS 108-88-3)     TWA     2       JS. NIOSH: Pocket Guide to Chemical Hazards     2     2       Components     Type     V     2       Acetone (CAS 106-97-8)     TWA     11       Sutane (CAS 106-97-8)     TWA     11       2/colohexane (CAS     TWA     11       2/solohexane (CAS 106-97-8)     TWA     11       2/udgnesium Silicate (CAS     TWA     11       2/vclohexane (CAS 110-54-3)     TWA     2       Magnesium Silicate (CAS 110-54-3)     TWA     31       10-42-7)     31     32       11-Heptane (CAS 110-54-3)     TWA </td <td></td> <td></td>   |            |                      |
| Acetone (CAS 67-64-1)     STEL     7       Acetone (CAS 67-64-1)     TWA     50       Butane (CAS 106-97-8)     STEL     11       Cyclohexane (CAS     TWA     11       Cyclohexane (CAS     TWA     11       Cyclohexane (CAS     TWA     11       Cyclohexane (CAS     TWA     2       Magnesium Silicate (CAS     TWA     2       Hebrane (CAS 110-54-3)     TWA     44       Toluene (CAS 108-88-3)     TWA     21       JS. NIOSH: Pocket Guide to Chemical Hazards     20     20       Components     Type     V       Acetone (CAS 106-97-8)     TWA     11       Sutane (CAS 106-97-8)     TWA     11       Cyclohexane (CAS     TWA     11       Cyclohexane (CAS     TWA     11       Cyclohexane (CAS 110-54-3)     TWA     11       Magnesium Silicate (CAS     TWA     11       Lio-82-7)     Ceiling     11       Magnesium Silicate (CAS     TWA     11       Cyclohexane (CAS 110-54-3)     TWA  |            | <b>F</b> e           |
| TWA   50     Butane (CAS 106-97-8)   STEL   11     Dyclohexane (CAS   TWA   11     10-82-7)   Agnesium Silicate (CAS   TWA   2     4807-96-6)   TWA   2   4807-96-6)   5     I-Heptane (CAS 142-82-5)   STEL   5   5     I-Hexane (CAS 110-54-3)   TWA   20   20     JS. NIOSH: Pocket Guide to Chemical Hazards   20   20   22     Somponents   Type   V   40   22     Sutane (CAS 106-97-8)   TWA   22   22     Sutane (CAS 106-97-8)   TWA   22   22     Sutane (CAS 106-97-8)   TWA   22   23     Syclohexane (CAS 106-97-8)   TWA   24   24     Cyclohexane (CAS 106-97-8)   TWA   24   34     Cyclohexane (CAS 106-97-8)   TWA   24   34     Cyclohexane (CAS 110-54-3)   TWA   24   34     Propane (CAS 110-54-3)   TWA   36   36     Propane (CAS 108-88-3)   STEL   50   50     Outene (CAS 108-88-3)   S   | Value      | Form                 |
| Butane (CAS 106-97-8)   STEL   11     Cyclohexane (CAS   TWA   11     10-82-7)   Aagnesium Silicate (CAS   TWA   2     Ad807-96-6)   TWA   2     11-Heptane (CAS 112-52-5)   STEL   51     TWA   44     1-Heptane (CAS 110-54-3)   TWA   20     JS. NIOSH: Pocket Guide to Chemical Hazards   20     Components   Type   V     Acctone (CAS 67-64-1)   TWA   21     Butane (CAS 106-97-8)   TWA   22     Sutane (CAS 106-97-8)   TWA   21     Cyclohexane (CAS   TWA   21     Cyclohexane (CAS   TWA   21     Cyclohexane (CAS   TWA   21     Cyclohexane (CAS 110-54-3)   TWA   31     Cyclohexane (CAS 110-54-3)   TWA   32     Aagnesium Silicate (CAS 110-54-3)   TWA   32     Aagnesium CAS 110-54-3)   TWA   32     Propane (CAS 110-54-3)   TWA   35     Propane (CAS 108-88-3)   STEL   56     Outene (CAS 108-88-3)   STEL   56   | 750 ppm    |                      |
| Butane (CAS 106-97-8)   STEL   11     Cyclohexane (CAS   TWA   11     110-82-7)   Wagnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   2     1-Heptane (CAS 142-82-5)   STEL   50     TWA   44   44     1-Heptane (CAS 110-54-3)   TWA   2     JS. NIOSH: Pocket Guide to Chemical Hazards   2   2     Components   Type   V     Acetone (CAS 106-97-8)   TWA   2     Butane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS   TWA   3     Cyclohexane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS 106-97-8)   TWA   11     110-82-7)   3   3     Wagnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   11     1-Heptane (CAS 110-54-3)   TWA   3     Propane (CAS 108-88-3)   STEL   5     Optiopane (CAS 108-88-3)   STEL   5     Optiopane (CAS 108-88-3)   STEL   11     TWA   11   11   11   | 500 ppm    |                      |
| Cyclohexane (CAS   TWA   11     110-82-7)   Wagnesium Silicate (CAS   TWA   2     vlagnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   4     1-Heptane (CAS 142-82-5)   STEL   5     TWA   44   44     1-Hexane (CAS 110-54-3)   TWA   20     JS. NIOSH: Pocket Guide to Chemical Hazards   2   2     Components   Type   V     Acetone (CAS 106-97-8)   TWA   20     Sutane (CAS 106-97-8)   TWA   10     Cyclohexane (CAS   TWA   10     Cyclohexane (CAS   TWA   10     10-82-7)   30   Magnesium Silicate (CAS   TWA     Magnesium Silicate (CAS   TWA   10     110-82-7)   30   11   11     Magnesium Silicate (CAS   TWA   21   30     14807-96-6)   TWA   11   11     1-Hexane (CAS 110-54-3)   TWA   11   11     Folgene (CAS 74-98-6)   TWA   11   11     Foluene (CAS 108-88-3)   STEL   5   | 1000 ppm   |                      |
| Wagnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   3     1-Heptane (CAS 142-82-5)   STEL   5     TWA   44     1-Hexane (CAS 110-54-3)   TWA   50     Foluene (CAS 108-88-3)   TWA   21     JS. NIOSH: Pocket Guide to Chemical Hazards   20     Components   Type   V     Acetone (CAS 106-97-8)   TWA   31     Sutane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS   TWA   31     Cyclohexane (CAS   TWA   11     110-82-7)   31   31     Wagnesium Silicate (CAS   TWA   31     14807-96-6)   14   31     1-Heptane (CAS 112-82-5)   Ceiling   11     14807-96-6)   14   32     1-Heptane (CAS 110-54-3)   TWA   32     1-Heptane (CAS 110-54-3)   TWA   31     1-Hexane (CAS 108-88-3)   STEL   51     14   14   32   32     15   Toluene (CAS 108-88-3)   STEL   51     16   14   | 100 ppm    |                      |
| 14807-96-6)   TWA   4     n-Heptane (CAS 142-82-5)   STEL   50     TWA   44     1-Hexane (CAS 110-54-3)   TWA   50     Foluene (CAS 108-88-3)   TWA   20     JS. NIOSH: Pocket Guide to Chemical Hazards   20     Components   Type   V     Acetone (CAS 67-64-1)   TWA   50     Butane (CAS 106-97-8)   TWA   10     Cyclohexane (CAS   TWA   10     Cyclohexane (CAS   TWA   10     Cyclohexane (CAS 110-54-3)   TWA   10     Magnesium Silicate (CAS   TWA   20     H4807-96-6)   TWA   30     n-Heptane (CAS 142-82-5)   Ceiling   11     Propane (CAS 110-54-3)   TWA   30     TWA   30   30   30     Double (CAS 108-88-3)   STEL   50     TWA   11   11   11     Folgene (CAS 108-88-3)   STEL   50     TWA   31   11   11     Toluene (CAS 108-88-3)   STEL   50     TWA   31  | 0          |                      |
| h-Heptane (CAS 142-82-5)   STEL   50     TWA   44     h-Hexane (CAS 110-54-3)   TWA   50     Foluene (CAS 108-88-3)   TWA   20     JS. NIOSH: Pocket Guide to Chemical Hazards   20     Components   Type   V     Acetone (CAS 67-64-1)   TWA   51     Butane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS 142-82-5)   Ceiling   14     H4807-96-6)   TWA   24     h-Heptane (CAS 110-54-3)   TWA   33     h-Heptane (CAS 110-54-3)   TWA   34     TWA   35   34     h-Hexane (CAS 110-54-3)   TWA   14     Propane (CAS 74-98-6)   TWA   14     TWA   35   34   35     JS. Workplace Environmental Exposure Level (WEEL) Guides   14  | 2 mg/m3    | Respirable fraction. |
| TWA   44     h-Hexane (CAS 110-54-3)   TWA   56     Foluene (CAS 108-88-3)   TWA   22     JS. NIOSH: Pocket Guide to Chemical Hazards   24     Components   Type   V     Acetone (CAS 67-64-1)   TWA   56     Butane (CAS 106-97-8)   TWA   24     Cyclohexane (CAS   TWA   11     10-82-7)   30   31     Magnesium Silicate (CAS   TWA   11     110-82-7)   31   34     Magnesium Silicate (CAS   TWA   14     110-82-7)   31   34     Propane (CAS 142-82-5)   Ceiling   14     TWA   32   34     14807-96-6)   TWA   34     14807-96-6)   Ceiling   14     14407-96-6)   TWA   35     14807-96-6)   TWA   36     14907-96-6)   TWA   36     14907-96-6)   TWA   36     149000000000000000000000000000000000000  | 500 ppm    |                      |
| I-Hexane (CAS 110-54-3)   TWA   50     Foluene (CAS 108-88-3)   TWA   20     JS. NIOSH: Pocket Guide to Chemical Hazards   Image: Components   Type   V     Components   Type   V   V   S0     Components   Type   V   V   S0     Components   TWA   S0   | 400 ppm    |                      |
| Foluene (CAS 108-88-3)   TWA   24     JS. NIOSH: Pocket Guide to Chemical Hazards   Type   V     Components   Type   V     Acetone (CAS 67-64-1)   TWA   56     Butane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS   TWA   11     Cyclohexane (CAS   TWA   11     110-82-7)   30   Magnesium Silicate (CAS   TWA     Magnesium Silicate (CAS   TWA   21     H4807-96-6)   TWA   30     n-Heptane (CAS 110-54-3)   TWA   31     Propane (CAS 74-98-6)   TWA   32     TWA   33   34   34     TWA   34   34   34     Deropane (CAS 108-88-3)   STEL   56     TWA   34   34   34     TWA   34   34   34     Deropane (CAS 108-88-3)   STEL   56     TWA   34   34   34     TWA   34   34   34     Deropane (CAS 108-88-3)   STEL   56     TWA   34 <t< td=""><td>50 ppm</td><td></td></t<>  | 50 ppm     |                      |
| Components     Type     V       Acetone (CAS 67-64-1)     TWA     50       Butane (CAS 106-97-8)     TWA     10       Cyclohexane (CAS     TWA     10       Cyclohexane (CAS     TWA     10       Uote (CAS 106-97-8)     TWA     10       Cyclohexane (CAS     TWA     10       Magnesium Silicate (CAS     TWA     10       Magnesium Silicate (CAS     TWA     20       Magnesium Silicate (CAS     TWA     10       H4807-96-6)     Ceiling     11       n-Heptane (CAS 142-82-5)     Ceiling     11       TWA     30     30     30       n-Hexane (CAS 110-54-3)     TWA     30       Propane (CAS 74-98-6)     TWA     10       Foluene (CAS 108-88-3)     STEL     50       TWA     11     11       TWA     11     11       JS. Workplace Environmental Exposure Level (WEEL) Guides     11   | 20 ppm     |                      |
| Components     Type     V       Acetone (CAS 67-64-1)     TWA     50       Butane (CAS 106-97-8)     TWA     10       Cyclohexane (CAS     TWA     10       Cyclohexane (CAS     TWA     10       Uagnesium Silicate (CAS     TWA     10       Magnesium Silicate (CAS     TWA     20       H4807-96-6)     Ceiling     11       n-Heptane (CAS 142-82-5)     Ceiling     11       Foropane (CAS 110-54-3)     TWA     11       Propane (CAS 110-54-3)     TWA     11       Foluene (CAS 108-88-3)     STEL     50       TWA     11     11       JS. Workplace Environmental Exposure Level (WEEL) Guides     11   |            |                      |
| Butane (CAS 106-97-8)   TWA   11     Cyclohexane (CAS   TWA   11     10-82-7)   TWA   11     Magnesium Silicate (CAS   TWA   11     14807-96-6)   TWA   21     1-Heptane (CAS 142-82-5)   Ceiling   11     14807-96-6)   TWA   11     14807-96-6)   TWA   11     14807-96-6)   Ceiling   11     14807-96-6)   TWA   11     14807-96-6)   TWA   12     14807-96-6)   TWA   13     14807-96-6)   TWA   14     14807-96-6)   TWA   14     149   TWA   14     140   TWA   14     141   Toluene (CAS 110-54-3)   TWA   14     141   Toluene (CAS 108-88-3)   STEL   51     141   TWA   14   14     142   TWA   14   14     143   TWA   14   14     144   TWA   14   14     145   TWA   14   14<   | Value      | Form                 |
| Butane (CAS 106-97-8)   TWA   19     Cyclohexane (CAS   TWA   10     L10-82-7)   TWA   10     Magnesium Silicate (CAS   TWA   2     H4807-96-6)   TWA   2     n-Heptane (CAS 142-82-5)   Ceiling   11     n-Heptane (CAS 110-54-3)   TWA   30     n-Hexane (CAS 110-54-3)   TWA   11     Propane (CAS 74-98-6)   TWA   11     Toluene (CAS 108-88-3)   STEL   50     JS. Workplace Environmental Exposure Level (WEEL) Guides   11   | 590 mg/m3  |                      |
| Cyclohexane (CAS   TWA   11     110-82-7)   30     Magnesium Silicate (CAS   TWA   21     14807-96-6)   TWA   21     n-Heptane (CAS 142-82-5)   Ceiling   14     n-Hexane (CAS 110-54-3)   TWA   31     Propane (CAS 74-98-6)   TWA   14     TOluene (CAS 108-88-3)   STEL   51     JS. Workplace Environmental Exposure Level (WEEL) Guides   14  | 250 ppm    |                      |
| Cyclohexane (CAS   TWA   14     110-82-7)   34     Magnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   2     n-Heptane (CAS 142-82-5)   Ceiling   14     n-Hexane (CAS 110-54-3)   TWA   34     Propane (CAS 74-98-6)   TWA   14     Foluene (CAS 108-88-3)   STEL   54     TWA   14   14     JS. Workplace Environmental Exposure Level (WEEL) Guides   14  | 1900 mg/m3 |                      |
| 10-82-7)   30     Aagnesium Silicate (CAS   TWA   2     (4807-96-6)   Ceiling   14     n-Heptane (CAS 142-82-5)   Ceiling   14     n-Heptane (CAS 110-54-3)   TWA   30     o-Hexane (CAS 110-54-3)   TWA   14     Propane (CAS 74-98-6)   TWA   14     TOluene (CAS 108-88-3)   STEL   14     TWA   14   14     TWA   14   14     JS. Workplace Environmental Exposure Level (WEEL) Guides   14  | 800 ppm    |                      |
| Magnesium Silicate (CAS   TWA   2     14807-96-6)   TWA   2     n-Heptane (CAS 142-82-5)   Ceiling   14     TWA   34   34     n-Hexane (CAS 110-54-3)   TWA   34     Propane (CAS 74-98-6)   TWA   14     Toluene (CAS 108-88-3)   STEL   54     JS. Workplace Environmental Exposure Level (WEEL) Guides   14   | 1050 mg/m3 |                      |
| Magnesium Silicate (CAS   TWA   2     14807-96-6)   14     n-Heptane (CAS 142-82-5)   Ceiling   14     TWA   34     n-Heptane (CAS 142-82-5)   Ceiling   14     n-Hexane (CAS 110-54-3)   TWA   34     Propane (CAS 74-98-6)   TWA   14     Toluene (CAS 108-88-3)   STEL   14     TWA   14   14     TWA   14   14     JS. Workplace Environmental Exposure Level (WEEL) Guides   14   |            |                      |
| 14807-96-6)<br>h-Heptane (CAS 142-82-5)<br>Ceiling<br>TWA<br>TWA<br>a<br>h-Hexane (CAS 110-54-3)<br>Propane (CAS 74-98-6)<br>TWA<br>Toluene (CAS 108-88-3)<br>STEL<br>TWA<br>TWA<br>TWA<br>TWA<br>SIEL<br>SI<br>TWA<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>SIEL<br>S | 300 ppm    | Deeninghis           |
| n-Heptane (CAS 142-82-5)<br>n-Hexane (CAS 110-54-3)<br>Propane (CAS 74-98-6)<br>TWA<br>TWA<br>TWA<br>TOluene (CAS 108-88-3)<br>STEL<br>TWA<br>TWA<br>TWA<br>TWA<br>TWA<br>TWA<br>TWA<br>TWA  | 2 mg/m3    | Respirable.          |
| A   TWA   34     TWA   34     B   84     B   94     B   94     Foluene (CAS 108-88-3)   STEL     TWA   14     TWA   14     JS. Workplace Environmental Exposure Level (WEEL) Guides   | 1800 mg/m3 |                      |
| TWA 33<br>h-Hexane (CAS 110-54-3) TWA 14<br>Propane (CAS 74-98-6) TWA 14<br>Toluene (CAS 108-88-3) STEL 54<br>TWA 34<br>TWA 34   | 440 ppm    |                      |
| n-Hexane (CAS 110-54-3) TWA 11<br>Propane (CAS 74-98-6) TWA 12<br>Toluene (CAS 108-88-3) STEL 54<br>TWA 31<br>TWA 31<br>TWA 31<br>TWA 31<br>TWA 31   | 350 mg/m3  |                      |
| n-Hexane (CAS 110-54-3) TWA 11<br>Propane (CAS 74-98-6) TWA 12<br>Toluene (CAS 108-88-3) STEL 54<br>TWA 3<br>TWA 3<br>11<br>JS. Workplace Environmental Exposure Level (WEEL) Guides   | 85 ppm     |                      |
| Propane (CAS 74-98-6) TWA 11<br>Toluene (CAS 108-88-3) STEL 54<br>TWA 31<br>TWA 31   | 180 mg/m3  |                      |
| Propane (CAS 74-98-6) TWA 11<br>Toluene (CAS 108-88-3) STEL 51<br>TWA 31<br>TWA 31<br>JS. Workplace Environmental Exposure Level (WEEL) Guides   | 50 ppm     |                      |
| Toluene (CAS 108-88-3) STEL 50<br>11<br>TWA 3<br>JS. Workplace Environmental Exposure Level (WEEL) Guides  | 1800 mg/m3 |                      |
| Foluene (CAS 108-88-3)   STEL   50     TWA   30     JS. Workplace Environmental Exposure Level (WEEL) Guides   | 1000 ppm   |                      |
| 1   TWA   3     1   3   1     JS. Workplace Environmental Exposure Level (WEEL) Guides   1   | 560 mg/m3  |                      |
| TWA 3<br>11<br>JS. Workplace Environmental Exposure Level (WEEL) Guides  | 150 ppm    |                      |
| 1<br>JS. Workplace Environmental Exposure Level (WEEL) Guides  | 375 mg/m3  |                      |
| JS. Workplace Environmental Exposure Level (WEEL) Guides   | 100 ppm    |                      |
|  |            |                      |
| Components Type V  | Value      |                      |
| Methyl Ethyl Ketoxime (CAS TWA 30  | 36 mg/m3   |                      |

| Components Type Value                            |   |  |                     |   |
|--|---|--|---------------------|---|
| legical limit values                             |   |  | 10                  | ppm   |
| ological limit values<br>ACGIH Biological Exposu | re Indices                                      |  |                     |   |
| Components                                       | Value   | Determinant  | Specimen            | Sampling Time   |
| Acetone (CAS 67-64-1)                            | 50 mg/l   | Acetone  | Urine               | *   |
| n-Hexane (CAS 110-54-3)                          | 0.4 mg/l  | 2,5-Hexanedio<br>n, without<br>hydrolysis  | Urine               | *   |
| Toluene (CAS 108-88-3)                           | 0.3 mg/g  | o-Cresol, with<br>hydrolysis   | Creatinine in urine | *   |
|  | 0.03 mg/l                                       | Toluene  | Urine               | *   |
|  | 0.02 mg/l                                       | Toluene  | Blood               | *   |
| * - For sampling details, ple                    | ase see the source                              | e document.  |                     |   |
| posure guidelines                                |   |  |                     |   |
| US - California OELs: Skin                       | n designation                                   |  |                     |   |
| n-Hexane (CAS 110-54                             |   |  | absorbed throu      |   |
| Toluene (CAS 108-88-                             |   |  | absorbed throu      | igh the skin.   |
| US - Minnesota Haz Subs                          | -   |  | aignotion applic    |   |
| Toluene (CAS 108-88-3<br>US ACGIH Threshold Lim  |   |  | esignation applie   |   |
| n-Hexane (CAS 110-54                             |   | -  | absorbed throu      | iah the skin  |
| propriate engineering                            | ,   |  |                     | nour) should be used. Ventilation rates   |
| ntrols   | or other engin                                  | eering controls to mainta<br>s have not been establis  | in airborne level   | cess enclosures, local exhaust ventilation<br>s below recommended exposure limits. If<br>rborne levels to an acceptable level. Prov |
| dividual protection measure                      | s, such as perso                                | nal protective equipme   | nt                  |   |
| Eye/face protection                              | Wear eye/face                                   | e protection. Wear safety  | glasses with sid    | le shields (or goggles).  |
| Hand protection                                  | Wear protectiv                                  | ve gloves.   |                     |   |
| Skin protection                                  |   |  |                     |   |
| Other  | Wear appropr                                    | iate chemical resistant cl   | othina.             |   |
| Respiratory protection                           |   | levels are exceeded use  | •                   | ical filter / organic vapor cartridge or an   |
| Thermal hazards                                  | Wear appropr                                    | iate thermal protective cl   | othing, when ne     | cessary.  |
| eneral hygiene<br>nsiderations                   | When using, c<br>as washing af<br>wash work clo | Wear appropriate thermal protective clothing, when necessary.<br>When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such<br>as washing after handling the material and before eating, drinking, and/or smoking. Routinely<br>wash work clothing and protective equipment to remove contaminants. Contaminated work<br>clothing should not be allowed out of the workplace. |                     |   |
| Physical and chemica                             | l properties                                    |  |                     |   |
| pearance   | Liquid.   |  |                     |   |
| Physical state                                   | Liquid.   |  |                     |   |
| Form   | Aerosol.  |  |                     |   |
| Color  | Black.  |  |                     |   |
| lor  | Solvent.  |  |                     |   |
| lor threshold                                    | Not available.                                  |  |                     |   |
|  | Not available.                                  |  |                     |   |
| elting point/freezing point                      | Not available.                                  |  |                     |   |
| tial boiling point and boiling                   |   | 9 °C) estimated  |                     |   |
| ash point  | -156 0 °F (-10                                  | 4.4 °C) Propellant estima  | ited                |   |
|  | -150.0 F (-104                                  |  |                     |   |

Flammability (solid, gas)

Not available.

Not available.

Evaporation rate

## Upper/lower flammability or explosive limits

| Upper/lower flammability or expl           | losive limits                |
|--|------------------------------|
| Flammability limit - lower<br>(%)          | 1.2 % estimated              |
| Flammability limit - upper<br>(%)          | 7.1 % estimated              |
| Explosive limit - lower (%)                | Not available.               |
| Explosive limit - upper (%)                | Not available.               |
| Vapor pressure                             | 50 psig @70F estimated       |
| Vapor density                              | Not available.               |
| Relative density                           | 0.456 g/cm3 estimated        |
| Solubility(ies)                            |                              |
| Solubility (water)                         | Not available.               |
| Partition coefficient<br>(n-octanol/water) | Not available.               |
| Auto-ignition temperature                  | 475 °F (246.11 °C) estimated |
| Decomposition temperature                  | Not available.               |
| Viscosity                                  | Not available.               |
| Other information                          |                              |
| Density                                    | 0.46 g/cm3 estimated         |
| Flammability class                         | Flammable IA estimated       |
| Heat of combustion                         | 35.92 kJ/g estimated         |
| Heat of combustion (NFPA 30B)              | 35.92 kJ/g estimated         |
| Percent volatile                           | 85 % estimated               |
| Specific gravity                           | 0.456 estimated              |
| VOC (Weight %)                             | 67.27 % estimated            |
|  |                              |

## 10. Stability and reactivity

| Reactivity                            | The product is stable and non-reactive under normal conditions of use, storage and transport. |
|---------------------------------------|---|
| Chemical stability                    | Material is stable under normal conditions.   |
| Possibility of hazardous<br>reactions | Hazardous polymerization does not occur.  |
| Conditions to avoid                   | Avoid temperatures exceeding the flash point.   |
| Incompatible materials                | Strong oxidizing agents. Fluorine. Chlorine. Nitrates.  |
| Hazardous decomposition<br>products   | No hazardous decomposition products are known.  |

## 11. Toxicological information

## Information on likely routes of exposure

| Ingestion  | May be fatal if swallowed and enters airways.  |
|--|--|
| Inhalation   | May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects. May cause damage to organs by inhalation. |
| Skin contact   | Causes skin irritation. May cause an allergic skin reaction.   |
| Eye contact  | Causes serious eye irritation.   |
| Symptoms related to the physical, chemical and toxicological characteristics | Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritant effects.   |

## Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects. May cause allergic skin reaction.

| Product                             | Species          | Test Results                                  |
|-------------------------------------|------------------|---|
| Desco Dry Moly Lubricant (N         | Mixture)         |   |
| Acute                               |                  |   |
| Dermal                              | 0                |   |
| LD50                                | Guinea pig       | 32531.082 mg/kg, 24 Hours estimated           |
|                                     |                  | 41.1786 ml/kg, 24 Hours estimated             |
|                                     | Rabbit           | 7820.4263 mg/kg, 24 Hours estimated           |
|                                     |                  | 2900.6362 ml/kg, 4 Hours estimated            |
|                                     |                  | 2155.2827 ml/kg, 24 Hours estimated           |
|                                     | Rat              | 27860.9805 ml/kg, 24 Hours estimated          |
|                                     |                  | 12694.0918 mg/kg estimated                    |
| Inhalation                          |                  |   |
| LC100                               | Cat              | 225.4069 % estimated                          |
| LC50                                | Mouse            | 3098.092 mg/l, 120 Minutes estimated          |
|                                     |                  | 130.2351 %, 120 Minutes estimated             |
|                                     |                  | 40.0723 mm/l, 2 Hours estimated               |
|                                     | Rat              | 45203.0039 mg/m3, 4 Hours estimated           |
|                                     |                  | 32616.373 ppm, 4 Hours estimated              |
|                                     |                  | 8735.4414 mg/l, 8 Hours estimated             |
|                                     |                  | 249.9902 mg/l/4h estimated                    |
|                                     |                  | 236.0452 mg/l, 3 Hours estimated              |
|                                     |                  | _   |
| 0                                   |                  | 35.5839 mg/l, 4 Hours estimated               |
| Oral<br>LD50                        | Rat              | 3500.7942 mg/kg estimated                     |
| LD30                                | Nat              | 9.6295 ml/kg estimated                        |
| Components                          | Species          | Test Results                                  |
| Acetone (CAS 67-64-1)               | Species          | 1631 1630113                                  |
| Acute                               |                  |   |
| Dermal                              |                  |   |
| LD50                                | Guinea pig       | > 7426 mg/kg, 24 Hours                        |
|                                     |                  | > 9.4 ml/kg, 24 Hours                         |
|                                     | Rabbit           | > 7426 mg/kg, 24 Hours                        |
|                                     |                  | > 9.4 ml/kg, 24 Hours                         |
| Inhalation                          |                  | i o. ming, 2 mouto                            |
| LC50                                | Rat              | 55700 ppm, 3 Hours                            |
| 2000                                |                  | 132 mg/l, 3 Hours                             |
|                                     |                  | 50.1 mg/l                                     |
| Oral                                |                  | 30. r mg/r                                    |
| Urai<br>LD50                        | Rat              | 5800 mg/kg                                    |
| 2000                                |                  | 2.2 ml/kg                                     |
| linhalia Datralaum Calvert          | (CAS 64742 80 8) | 2.2 III/NY                                    |
| liphalic Petroleum Solvent<br>Acute | (URU 04142-03-0) |   |
| Dermal                              |                  |   |
| LD50                                | Rabbit           | > 1900 mg/kg, 24 Hours                        |
| Inhalation                          |                  |   |
| LC50                                | Rat              | > 5020 mg/m3, 4 Hours                         |
|                                     |                  | > 4980 mg/m3                                  |
|                                     |                  | > 4980 mg/m3, 4 Hours                         |
|                                     |                  | > 4980 mg/m3, 4 Hours<br>> 4.96 mg/l, 4 Hours |
|                                     |                  | > 4 VG ma/L 4 Hours                           |

| Components                     | Species | Test Results            |
|--------------------------------|---------|-------------------------|
| Oral<br>LD50                   | Rat     | 4820 mg/kg              |
| Butane (CAS 106-97-8)          | Nat     | 4620 mg/kg              |
| Acute                          |         |                         |
| Inhalation                     |         |                         |
| LC50                           | Mouse   | 1237 mg/l, 120 Minutes  |
|                                |         | 52 %, 120 Minutes       |
|                                | Rat     | 1355 mg/l               |
| Cyclohexane (CAS 110-82-7)     |         | looo nign               |
| Acute                          |         |                         |
| Dermal                         |         |                         |
| LD50                           | Rabbit  | > 2000 mg/kg            |
| Inhalation                     |         |                         |
| LC50                           | Rat     | > 32880 mg/m3, 4 Hours  |
|                                |         | > 5540 ppm, 4 Hours     |
| Methyl Ethyl Ketoxime (CAS 96- | 29-7)   |                         |
| Acute                          | ,       |                         |
| Dermal                         |         |                         |
| LD50                           | Rabbit  | > 1000 mg/kg, 24 Hours  |
|                                |         | 0.2 - 2 ml/kg, 24 Hours |
| Inhalation                     |         |                         |
| LC50                           | Rat     | > 10.5 mg/l, 8 Hours    |
|                                |         | > 4.83 mg/l, 4 Hours    |
| Oral                           |         |                         |
| LD50                           | Rat     | > 900 mg/kg             |
| n-Heptane (CAS 142-82-5)       |         |                         |
| Acute                          |         |                         |
| Dermal                         |         |                         |
| LD50                           | Rabbit  | > 2000 mg/kg, 24 Hours  |
| Inhalation                     |         |                         |
| LC50                           | Rat     | > 29.29 mg/l, 4 Hours   |
| n-Hexane (CAS 110-54-3)        |         |                         |
| Acute                          |         |                         |
| Dermal                         |         |                         |
| LD50                           | Rabbit  | > 2000 mg/kg, 4 Hours   |
|                                |         | > 5 ml/kg, 4 Hours      |
| Inhalation                     |         |                         |
| LC50                           | Mouse   | 48000 mg/l, 4 Hours     |
|                                | Rat     | > 5000 ppm, 24 Hours    |
|                                |         | > 31.86 mg/l            |
|                                |         | 73860 ppm, 4 Hours      |
| Oral                           |         |                         |
| LD50                           | Rat     | 38500 mg/kg             |
|                                |         | 24 ml/kg                |
| Propane (CAS 74-98-6)          |         |                         |
| Acute                          |         |                         |
| Inhalation                     |         |                         |
| LC50                           | Mouse   | 1237 mg/l, 120 Minutes  |
|                                |         | 52 %, 120 Minutes       |

| Components   | Species   | Test Results  |  |  |
|--|---|---|--|--|
|  | Rat   | 1355 mg/l   |  |  |
|  |   | 658 mg/l/4h   |  |  |
| oluene (CAS 108-88-3)                                |   |   |  |  |
| Acute  |   |   |  |  |
| Dermal   |   |   |  |  |
| LD50   | Rabbit  | > 5000 mg/kg, 24 Hours  |  |  |
| Inhalation   |   |   |  |  |
| LC50   | Mouse   | 6405 - 7436 ppm, 6 Hours  |  |  |
|  |   | 5320 ppm, 8 Hours   |  |  |
|  | Rat   | 5879 - 6281 ppm, 6 Hours  |  |  |
|  |   | 12.5 - 28.8 mg/l, 4 Hours   |  |  |
| Oral   |   |   |  |  |
| LD50   | Rat   | 5000 mg/kg  |  |  |
|  |   |   |  |  |
| * Estimates for product may b                        |   | nent data not shown.  |  |  |
| kin corrosion/irritation                             | Causes skin irritation.   |   |  |  |
| Serious eye damage/eye<br>rritation                  | Causes serious eye irritati   | n.  |  |  |
| espiratory or skin sensitizatio                      | n   |   |  |  |
| Respiratory sensitization                            | Not available.  | Not available.  |  |  |
| Skin sensitization                                   | May cause an allergic skir  | May cause an allergic skin reaction.                                |  |  |
| erm cell mutagenicity                                | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  |   |  |  |
| carcinogenicity                                      | Suspected of causing cancer.  |   |  |  |
| IARC Monographs. Overall                             | Evaluation of Carcinogenie  | ity   |  |  |
| Magnesium Silicate (CAS                              | S 14807-96-6)   | 2B Possibly carcinogenic to humans.                                 |  |  |
| Taluana (CAS 108 88 2)                               |   | 3 Not classifiable as to carcinogenicity to humans.                 |  |  |
| Toluene (CAS 108-88-3)<br>OSHA Specifically Regulate |   | 3 Not classifiable as to carcinogenicity to humans.<br>0.1001-1050) |  |  |
| Not listed.  |   |   |  |  |
| Reproductive toxicity                                | May damage fertility or the   | unborn child.   |  |  |
| pecific target organ toxicity -<br>ingle exposure    | Narcotic effects.   |   |  |  |
| Specific target organ toxicity -<br>epeated exposure | Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure. |   |  |  |
| spiration hazard                                     | May be fatal if swallowed   | nd enters airways.  |  |  |
| Chronic effects                                      | Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.   |   |  |  |
| 12. Ecological information                           | 1   |   |  |  |
| Ecotoxicity  |   | ng lasting effects. Accumulation in aquatic organisms is expected.  |  |  |
| Product  | Species   | Test Results  |  |  |
| Desco Dry Moly Lubricant (M                          |   |   |  |  |
| Aquatic  | ,   |   |  |  |
| Algae  | IC50 Algae  | 6323.4575 mg/L, 72 Hours estimated                                  |  |  |
| Crustacea  | EC50 Daphnia  | 185.1127 mg/L, 48 Hours estimated                                   |  |  |
| 0.00000  | Looo Dapinia  |   |  |  |

Water flea (Daphnia magna)

| Fish                  | LC50 | Fish    |
|-----------------------|------|---------|
| Components            |      | Species |
| Acotopo (CAS 67 64 1) |      |         |

EC50

- Acetone (CAS 67-64-1)
  - Aquatic

Fish

Crustacea

24.7091 mg/L, 96 Hours estimated

21.6 - 23.9 mg/l, 48 hours

**Test Results** 

| Components                       |                   | Species   | Test Results                 |
|----------------------------------|-------------------|---|------------------------------|
| Fish                             | LC50              | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours   |
| Aliphalic Petroleum Sc           | lvent (CAS 64742- | 89-8)   |                              |
| Aquatic                          |                   |   |                              |
| Algae                            | IC50              | Algae   | 4700 mg/L, 72 Hours          |
| Cyclohexane (CAS 11              | 0-82-7)           |   |                              |
| Aquatic                          |                   |   |                              |
| Fish                             | LC50              | Fathead minnow (Pimephales promelas)                | 23.03 - 42.07 mg/l, 96 hours |
| Methyl Ethyl Ketoxime<br>Aquatic | (CAS 96-29-7)     |   |                              |
| Algae                            | IC50              | Algae   | 83 mg/L, 72 Hours            |
| Crustacea                        | EC50              | Daphnia   | 750 mg/L, 48 Hours           |
| Fish                             | LC50              | Fathead minnow (Pimephales promelas)                | 777 - 914 mg/l, 96 hours     |
| n-Heptane (CAS 142-8             | 32-5)             |   |                              |
| Aquatic                          |                   |   |                              |
| Fish                             | LC50              | Mozambique tilapia (Tilapia<br>mossambica)          | 375 mg/l, 96 hours           |
| n-Hexane (CAS 110-5-             | 4-3)              |   |                              |
| Aquatic                          |                   |   |                              |
| Fish                             | LC50              | Fathead minnow (Pimephales promelas)                | 2.101 - 2.981 mg/l, 96 hours |
| Toluene (CAS 108-88-             | -3)               |   |                              |
| Aquatic                          |                   |   |                              |
| Algae                            | IC50              | Algae   | 433.0001 mg/L, 72 Hours      |
| Crustacea                        | EC50              | Daphnia   | 7.645 mg/L, 48 Hours         |
|                                  |                   | Water flea (Daphnia magna)                          | 5.46 - 9.83 mg/l, 48 hours   |
| Fish                             | LC50              | Coho salmon,silver salmon<br>(Oncorhynchus kisutch) | 8.11 mg/l, 96 hours          |
|                                  |                   |   |                              |

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

| Bioaccumulative potential   | No data available.   |  |
|-----------------------------|--|--|
| Partition coefficient n-oct | nol / water (log Kow)  |  |
| Acetone                     | -0.24  |  |
| Butane                      | 2.89   |  |
| Cyclohexane                 | 3.44   |  |
| n-Heptane                   | 4.66   |  |
| n-Hexane                    | 3.9  |  |
| Propane                     | 2.36   |  |
| Toluene                     | 2.73   |  |
| Mobility in soil            | No data available.   |  |
| Other adverse effects       | No other adverse environmental effects (e.g. ozone deplet potential, endocrine disruption, global warming potential) a |  |

#### 13. Disposal considerations

| Disposal instructions      | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|----------------------------|---|
| Local disposal regulations | Dispose in accordance with all applicable regulations.  |
| Hazardous waste code       | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |
| US RCRA Hazardous Wast     | te U List: Reference  |

## Acetone (CAS 67-64-1)

| Cyclohexane (CAS 110-8                   | 2-7) U056  |
|--|--|
| Toluene (CAS 108-88-3)                   | U220   |
| Waste from residues / unused<br>products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                                 |
| Contaminated packaging                   | Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Since emptied containers may retain product residue, follow label warnings even after container is<br>emptied. Do not re-use empty containers. |

#### 14. Transport information

#### DOT UN1950 **UN number** UN proper shipping name Aerosols, flammable Transport hazard class(es) Class 2.1 Subsidiary risk \_ Label(s) 2.1 Packing group Not applicable. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. N82 **Special provisions Packaging exceptions** 306 Packaging non bulk None None Packaging bulk

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

ΙΑΤΑ

| UN number  | UN1950  |
|--|---|
| UN proper shipping name  | Aerosols, flammable   |
| Transport hazard class(es)   |   |
| Class  | 2.1   |
| Subsidiary risk  | -   |
| Label(s)   | 2.1   |
| Packing group  | Not applicable.   |
| Environmental hazards  | Yes   |
| ERG Code   | 10L   |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Other information  |   |
| Passenger and cargo<br>aircraft  | Allowed.  |
| Cargo aircraft only  | Allowed.  |
| Packaging Exceptions   | LTD QTY   |
| IMDG   |   |
| UN number  | UN1950  |
| UN proper shipping name  | AEROSOLS  |
| Transport hazard class(es)   |   |
| Class  | 2.1   |
| Subsidiary risk  | -   |
| Label(s)   | 2.1   |
| Packing group  | Not applicable.   |
| Environmental hazards  |   |
| Marine pollutant   | Yes   |
| EmS  | F-D, S-U  |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Packaging Exceptions   | LTD QTY   |
| Transport in bulk according to<br>Annex II of MARPOL 73/78 and<br>the IBC Code | Not applicable.   |
|  |   |







IMDG Regulated Marine Pollutant.

## 15. Regulatory information

**US federal regulations** 

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

| Not regulated.<br>CERCLA Hazardous Substa | ance List (40 CFR 302.4)  |           |
|---|---|-----------|
| Acetone (CAS 67-64-1)                     |   | Listed.   |
| Cyclohexane (CAS 110-8                    | 32-7)   | Listed.   |
| n-Hexane (CAS 110-54-3                    | 3)  | Listed.   |
| Toluene (CAS 108-88-3)                    |   | Listed.   |
| SARA 304 Emergency relea                  | se notification   |           |
| Not regulated.                            |   |           |
| OSHA Specifically Regulate                | ed Substances (29 CFR 1910.1)   | 001-1050) |
| Not listed.                               |   |           |
| Superfund Amendments and Re               | eauthorization Act of 1986 (SA  | RA)       |
| Hazard categories                         | Immediate Hazard - Yes<br>Delayed Hazard - Yes<br>Fire Hazard - Yes<br>Pressure Hazard - No<br>Reactivity Hazard - No |           |
| SARA 302 Extremely hazard                 | dous substance  |           |
| Not listed.                               |   |           |
| SARA 311/312 Hazardous<br>chemical        | No  |           |

| Chemical name  | CAS number                  | % by wt.                              |
|--|-----------------------------|---------------------------------------|
| Toluene  | 108-88-3                    | 2.5 - 10                              |
| Cyclohexane  | 110-82-7                    | 0.1 - 1                               |
| Ethylene Glycol<br>n-Hexane                                      | 107-21-1                    | 0.1 - 1<br>0.1 - 1                    |
|  | 110-54-3                    | 0.1 - 1                               |
| ner federal regulations  |                             |                                       |
| Clean Air Act (CAA) Section 112 Hazardous Air                    | Pollutants (HAPs) List      |                                       |
| n-Hexane (CAS 110-54-3)  |                             |                                       |
| Toluene (CAS 108-88-3)   |                             |                                       |
| Clean Air Act (CAA) Section 112(r) Accidental R                  | elease Prevention (40 CFR   | 68.130)                               |
| Butane (CAS 106-97-8)<br>Propane (CAS 74-98-6)                   |                             |                                       |
| Safe Drinking Water Act Not regulated. (SDWA)                    |                             |                                       |
| Drug Enforcement Administration (DEA). L<br>Chemical Code Number | st 2, Essential Chemicals ( | 21 CFR 1310.02(b) and 1310.04(f)(2) a |
| Acetone (CAS 67-64-1)  | 6532                        |                                       |
| Toluene (CAS 108-88-3)   | 6594                        |                                       |
| Drug Enforcement Administration (DEA). L                         | st 1 & 2 Exempt Chemical I  | Mixtures (21 CFR 1310.12(c))          |
| Acetone (CAS 67-64-1)  | 35 %WV                      |                                       |
| Toluene (CAS 108-88-3)   | 35 %WV                      |                                       |
| DEA Exempt Chemical Mixtures Code Num                            | ber                         |                                       |
| Acetone (CAS 67-64-1)  | 6532                        |                                       |
| Toluene (CAS 108-88-3)   | 594                         |                                       |
| state regulations  |                             |                                       |
| US. Massachusetts RTK - Substance List                           |                             |                                       |
| Acetone (CAS 67-64-1)  |                             |                                       |
| Butane (CAS 106-97-8)  |                             |                                       |
| Cyclohexane (CAS 110-82-7)                                       |                             |                                       |
| Magnesium Silicate (CAS 14807-96-6)                              |                             |                                       |
| n-Heptane (CAS 142-82-5)   |                             |                                       |
| n-Hexane (CAS 110-54-3)  |                             |                                       |
| Propane (CAS 74-98-6)  |                             |                                       |
| Toluene (CAS 108-88-3)   |                             |                                       |
| US. New Jersey Worker and Community Right-                       | o-Know Act                  |                                       |
| Acetone (CAS 67-64-1)  |                             |                                       |
| Butane (CAS 106-97-8)  |                             |                                       |
| Cyclohexane (CAS 110-82-7)                                       |                             |                                       |
| Magnesium Silicate (CAS 14807-96-6)                              |                             |                                       |
| n-Heptane (CAS 142-82-5)   |                             |                                       |
| n-Hexane (CAS 110-54-3)  |                             |                                       |
| Propane (CAS 74-98-6)<br>Toluene (CAS 108-88-3)                  |                             |                                       |
| US. Pennsylvania Worker and Community Righ                       | t-to-Know I aw              |                                       |
|  |                             |                                       |
| Acetone (CAS 67-64-1)<br>Butane (CAS 106-97-8)                   |                             |                                       |
| Cyclohexane (CAS 110-37-6)                                       |                             |                                       |
| Magnesium Silicate (CAS 110-02-7)                                |                             |                                       |
| n-Heptane (CAS 142-82-5)   |                             |                                       |
| n-Hexane (CAS 110-54-3)  |                             |                                       |
| Propane (CAS 74-98-6)  |                             |                                       |
| Toluene (CAS 108-88-3)   |                             |                                       |
| US. Rhode Island RTK   |                             |                                       |
| Acetone (CAS 67-64-1)  |                             |                                       |
|  |                             |                                       |
| Bulane (CAS 100-97-0)  |                             |                                       |
| Butane (CAS 106-97-8)<br>Cyclohexane (CAS 110-82-7)              |                             |                                       |
| Cyclohexane (CAS 106-97-6)<br>n-Hexane (CAS 110-82-7)            |                             |                                       |
| Cyclohexane (CAS 110-82-7)                                       |                             |                                       |

#### US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3)Listed: January 1, 1991US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) Listed: August 7, 2009

#### International Inventories

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                        | No                     |
| Canada                      | Domestic Substances List (DSL)  | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                       | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)                | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical<br>Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                    | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)                  | No                     |
| Korea                       | Existing Chemicals List (ECL)   | No                     |
| New Zealand                 | New Zealand Inventory   | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)         | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                             | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

| Disclaimer           | The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. |
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| Revision Information | Original GHS issue 19 May 2015. Rev 1: reviewed with no changes.  |

END OF SAFETY DATA SHEET