

# Safety Data Sheet

**Issue Date:** 01/02/2019

Revision Date: 01-Jan-2024

Version 1

# **1. IDENTIFICATION**

| Product Identifier<br>Product Name   | MICCROSHIELD <sup>®</sup>   |
|--|---|
| Other means of identification  |   |
| SDS #  | TD-001-OSHA   |
| UN/ID No   | UN1263  |
| Recommended use of the chemical  | and restrictions on use   |
| Recommended Use  | Plating.  |
| Details of the supplier of the safety<br>Supplier Address<br>Tolber Chemical Division<br>220 West 5th Street<br>Hope, AR 71801 | <u>data sheet</u>   |
| Emergency Telephone Number<br>Company Phone Number<br>Emergency Telephone (24 hr)  | 870-777-3251<br>INFOTRAC 1-352-323-3500 (International)<br>1-800-535-5053 (North America) |
|  | 2. HAZARDS IDENTIFICATION   |
|  |   |

Appearance Not determined

Physical State Liquid

Odor Ketone

# **Classification**

| Acute toxicity - Oral                              | Category 4  |
|--|-------------|
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 2  |
| Germ cell mutagenicity                             | Category 1B |
| Carcinogenicity                                    | Category 1B |
| Reproductive toxicity                              | Category 2  |
| Specific target organ toxicity (single exposure)   | Category 3  |
| Specific target organ toxicity (repeated exposure) | Category 2  |
| Aspiration toxicity                                | Category 1  |
| Flammable Liquids                                  | Category 2  |

<u>Signal Word</u> Danger

# Hazard Statements

Harmful if swallowed Causes skin irritation Causes serious eye irritation May cause genetic defects May cause cancer Suspected of damaging fertility or the unborn child May cause respiratory irritation. May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways Highly flammable liquid and vapor



#### **Precautionary Statements - Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Wear eye/face protection Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces. — No smoking Keep container tightly closed Ground/bond container and receiving equipment Use explosion-proof equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool

#### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention If skin irritation occurs: Get medical advice/attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do not induce vomiting Rinse mouth IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

#### **Precautionary Statements - Storage**

Store locked up Store in a well-ventilated place. Keep container tightly closed

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other Hazards

Harmful to aquatic life with long lasting effects

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name       | CAS No   | Weight-% |
|---------------------|----------|----------|
| Toluene             | 108-88-3 | 40-50    |
| Tetrahydrofuran     | 109-99-9 | 15-25    |
| Methyl ethyl ketone | 78-93-3  | 5-15     |
| Propylene oxide     | 75-56-9  | 0.5-1.5  |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

# 4. FIRST-AID MEASURES

#### First Aid Measures

| General Advice | If exposed or concerned: Get medical advice/attention.   |  |  |
|----------------|--|--|--|
| Eye Contact    | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |  |  |
| Skin Contact   | Flush with water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.             |  |  |
| Inhalation     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.                          |  |  |
| Ingestion      | Do not induce vomiting. Call a physician or poison control center immediately. Rinse mouth.  |  |  |

#### Most important symptoms and effects

SymptomsSkin contact can lead to drying, defatting, itching, stinging and irritation. Prolonged contact<br/>may cause painful stinging or burning of eyes and lids, watering of eye, and irritation.<br/>Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness.<br/>May cause nausea, vomiting, stomach ache, and diarrhea.

#### Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

# **5. FIRE-FIGHTING MEASURES**

#### Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Foam.

#### Unsuitable Extinguishing Media Not determined.

#### Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor.

Hazardous Combustion Products Carbon monoxide.

Sensitivity to Mechanical Impact Not available. Sensitivity to Static Discharge Take precautionary measures against static discharge.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

| 6. ACCIDENTAL RELEASE MEASURES   |   |  |  |  |
|--|---|--|--|--|
| Personal precautions, protective equipment and emergency procedures            |   |  |  |  |
| Personal Precautions   | Use personal protective equipment as required. Remove all sources of ignition.  |  |  |  |
| Environmental Precautions  | See Section 12 for additional Ecological Information.   |  |  |  |
| Methods and material for contain   | ment and cleaning up  |  |  |  |
| Methods for Containment  | Prevent further leakage or spillage if safe to do so.   |  |  |  |
| Methods for Clean-Up Absorb spillage with non-combustible, absorbent material. |   |  |  |  |
|  | 7. HANDLING AND STORAGE   |  |  |  |
| Precautions for safe handling  |   |  |  |  |
| Advice on Safe Handling  | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling. Avoid breathing vapors or mists. Ground/bond container and receiving equipment. Use spark-proof tools and explosion-proof equipment. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use only in well-ventilated areas. Do not eat, drink or smoke when using this product. Take precautionary measures against static discharges. |  |  |  |
| Conditions for safe storage, including any incompatibilities                   |   |  |  |  |
| Storage Conditions   | Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.   |  |  |  |
|  |   |  |  |  |

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Exposure Guidelines

| Chemical Name       | ACGIH TLV     | OSHA PEL                              | NIOSH IDLH                  |
|---------------------|---------------|---------------------------------------|-----------------------------|
| Toluene             | TWA: 20 ppm   | TWA: 200 ppm                          | IDLH: 500 ppm               |
| 108-88-3            |               | (vacated) TWA: 100 ppm                | TWA: 100 ppm                |
|                     |               | (vacated) TWA: 375 mg/m <sup>3</sup>  | TWA: 375 mg/m <sup>3</sup>  |
|                     |               | (vacated) STEL: 150 ppm               | STEL: 150 ppm               |
|                     |               | (vacated) STEL: 560 mg/m <sup>3</sup> | STEL: 560 mg/m <sup>3</sup> |
|                     |               | Ceiling: 300 ppm                      |                             |
| Tetrahydrofuran     | STEL: 100 ppm | TWA: 200 ppm                          | IDLH: 2000 ppm              |
| 109-99-9            | TWA: 50 ppm   | TWA: 590 mg/m <sup>3</sup>            | TWA: 200 ppm                |
|                     | S*            | (vacated) TWA: 200 ppm                | TWA: 590 mg/m <sup>3</sup>  |
|                     |               | (vacated) TWA: 590 mg/m <sup>3</sup>  | STEL: 250 ppm               |
|                     |               | (vacated) STEL: 250 ppm               | STEL: 735 mg/m <sup>3</sup> |
|                     |               | (vacated) STEL: 735 mg/m <sup>3</sup> | _                           |
| Methyl ethyl ketone | STEL: 300 ppm | TWA: 200 ppm                          | IDLH: 3000 ppm              |
| 78-93-3             | TWA: 200 ppm  | TWA: 590 mg/m <sup>3</sup>            | TWA: 200 ppm                |
|                     |               | (vacated) TWA: 200 ppm                | TWA: 590 mg/m <sup>3</sup>  |
|                     |               | (vacated) TWA: 590 mg/m <sup>3</sup>  | STEL: 300 ppm               |
|                     |               | (vacated) STEL: 300 ppm               | STEL: 885 mg/m <sup>3</sup> |
|                     |               | (vacated) STEL: 885 mg/m <sup>3</sup> |                             |
| Propylene oxide     | TWA: 2 ppm    | TWA: 100 ppm                          | IDLH: 400 ppm               |
| 75-56-9             |               | TWA: 240 mg/m <sup>3</sup>            |                             |
|                     |               | (vacated) TWA: 20 ppm                 |                             |
|                     |               | (vacated) TWA: 50 mg/m <sup>3</sup>   |                             |

## Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

#### Individual protection measures, such as personal protective equipment

| Eye/Face Protection           | Wear approved safety goggles.  |
|-------------------------------|--|
| Skin and Body Protection      | Chemical resistant, impermeable gloves. Long sleeve shirt and long pants. Protective shoes or boots. |
| <b>Respiratory Protection</b> | In case of insufficient ventilation, wear suitable respiratory equipment.                            |

General Hygiene Considerations Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

| Physical State<br>Appearance<br>Color   | Liquid<br>Not determined<br>Not determined   | Odor<br>Odor Threshold                                  | Ketone<br>Not determined |
|---|--|---|--------------------------|
| Property<br>pH<br>Melting Point/Freezing Point  | Values<br>Not determined<br>Not determined   | Remarks • Method  |                          |
| Boiling Point/Boiling Range<br>Flash Point<br>Evaporation Rate  | 90 °C / 194 °F<br>-1.1 °C / 30 °F<br>3.5<br>2/2 liquid   | (at 760 mm Hg)<br>Tag Closed Cup<br>(butyl acetate = 1) |                          |
| Flammability (Solid, Gas)<br>Upper Flammability Limits<br>Lower Flammability Limit  | n/a-liquid<br>10%<br>2%  |   |                          |
| Vapor Pressure<br>Vapor Density<br>Specific Gravity<br>Water Solubility   | Not determined<br>2.9<br>0.95<br>Insoluble in water  | (Air=1)   |                          |
| Solubility in other solvents<br>Partition Coefficient<br>Auto-ignition Temperature<br>Decomposition Temperature<br>Kinematic Viscosity<br>Dynamic Viscosity<br>Explosive Properties<br>Oxidizing Properties | Not determined<br>Not determined<br>65 °C / 149 °F<br>Not determined<br>Not determined<br>Not determined<br>Not determined<br>Not determined<br>Not determined |   |                          |

# **10. STABILITY AND REACTIVITY**

#### **Reactivity**

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

#### **Possibility of Hazardous Reactions**

None under normal processing.

# Conditions to Avoid

Keep away from heat, sparks and open flame.

## Incompatible Materials

Strong oxidizing agents.

#### Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon.

## **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

| Eye Contact  | Causes serious eye irritation.   |  |
|--------------|----------------------------------|--|
| Skin Contact | Causes skin irritation.          |  |
| Inhalation   | Avoid breathing vapors or mists. |  |
| Ingestion    | Harmful if swallowed.            |  |

#### Component Information

| Chemical Name                  | Oral LD50          | Dermal LD50                                | Inhalation LC50                                |
|--------------------------------|--------------------|--|--|
| Toluene<br>108-88-3            | = 636 mg/kg (Rat)  | = 8390 mg/kg(Rabbit)= 12124<br>mg/kg (Rat) | = 12.5 mg/L (Rat) 4 h > 26700<br>ppm (Rat) 1 h |
| Tetrahydrofuran<br>109-99-9    | = 1650 mg/kg (Rat) | -  | = 53.9 mg/L (Rat)4 h = 180 mg/L<br>(Rat)1 h    |
| Methyl ethyl ketone<br>78-93-3 | = 2737 mg/kg (Rat) | = 6480 mg/kg (Rabbit)                      | -  |
| Propylene oxide<br>75-56-9     | = 520 mg/kg (Rat)  | -  | -  |

#### Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

- Germ cell mutagenicity
- May cause genetic defects.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name   | ACGIH   | IARC          | NTP                    | OSHA |  |
|---|---|---------------|------------------------|------|--|
| Toluene<br>108-88-3   |   | Group 3       |                        |      |  |
| Tetrahydrofuran<br>109-99-9   | A3  |               |                        |      |  |
| Propylene oxide<br>75-56-9  | A3  | Group 2B      | Reasonably Anticipated | Х    |  |
| A3 - Animal Carcinogen  | ACGIH (American Conference of Governmental Industrial Hygienists)<br>A3 - Animal Carcinogen<br>IARC (International Agency for Research on Cancer) |               |                        |      |  |
| Group 2B - Possibly Carcinog  |   |               |                        |      |  |
| Group 3 IARC components are "not classifiable as human carcinogens" |   |               |                        |      |  |
| NTP (National Toxicology Program)                                   |   |               |                        |      |  |
| Reasonably Anticipated - Rea  | asonably Anticipated to be a Hum  | an Carcinogen |                        |      |  |

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

| Reproductive toxicity |  |
|-----------------------|--|
|-----------------------|--|

Suspected of damaging fertility or the unborn child.

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STOT - single exposure
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May cause respiratory irritation. May cause drowsiness or dizziness.

## STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

# Numerical measures of toxicity Not determined

# **12. ECOLOGICAL INFORMATION**

# **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

#### **Component Information**

| Chemical Name       | Algae/aquatic plants     | Fish                           | Toxicity to              | Crustacea                 |
|---------------------|--------------------------|--------------------------------|--------------------------|---------------------------|
|                     |                          |                                | microorganisms           |                           |
| Toluene             | 433: 96 h                | 15.22 - 19.05: 96 h            | EC50 = 19.7 mg/L 30 min  | 5.46 - 9.83: 48 h Daphnia |
| 108-88-3            | Pseudokirchneriella      | Pimephales promelas mg/L       |                          | magna mg/L EC50 Static    |
|                     |                          | LC50 flow-through 12.6: 96 h   |                          | 11.5: 48 h Daphnia magna  |
|                     | 72 h Pseudokirchneriella | Pimephales promelas mg/L       |                          | mg/L EC50                 |
|                     | subcapitata mg/L EC50    | LC50 static 5.89 - 7.81: 96 h  |                          |                           |
|                     | static                   | Oncorhynchus mykiss mg/L       |                          |                           |
|                     |                          | LC50 flow-through 14.1 -       |                          |                           |
|                     |                          | 17.16: 96 h Oncorhynchus       |                          |                           |
|                     |                          | mykiss mg/L LC50 static 5.8:   |                          |                           |
|                     |                          | 96 h Oncorhynchus mykiss       |                          |                           |
|                     |                          | mg/L LC50 semi-static 11.0 -   |                          |                           |
|                     |                          | 15.0: 96 h Lepomis             |                          |                           |
|                     |                          | macrochirus mg/L LC50          |                          |                           |
|                     |                          | static 54: 96 h Oryzias        |                          |                           |
|                     |                          | latipes mg/L LC50 static       |                          |                           |
|                     |                          | 28.2: 96 h Poecilia reticulata |                          |                           |
|                     |                          | mg/L LC50 semi-static 50.87    |                          |                           |
|                     |                          | - 70.34: 96 h Poecilia         |                          |                           |
|                     |                          | reticulata mg/L LC50 static    |                          |                           |
| Tetrahydrofuran     |                          | 1970 - 2360: 96 h              |                          | 5930: 24 h Daphnia magna  |
| 109-99-9            |                          | Pimephales promelas mg/L       |                          | mg/L EC50                 |
|                     |                          | LC50 flow-through 2700 -       |                          | Ũ                         |
|                     |                          | 3600: 96 h Pimephales          |                          |                           |
|                     |                          | promelas mg/L LC50 static      |                          |                           |
| Methyl ethyl ketone |                          | 3130 - 3320: 96 h              | EC50 = 3403 mg/L 30 min  | 520: 48 h Daphnia magna   |
| 78-93-3             |                          | Pimephales promelas mg/L       | EC50 = 3426 mg/L 5 min   | mg/L EC50 5091: 48 h      |
|                     |                          | LC50 flow-through              |                          | Daphnia magna mg/L EC50   |
|                     |                          | 5                              |                          | 4025 - 6440: 48 h Daphnia |
|                     |                          |                                |                          | magna mg/L EC50 Static    |
| Propylene oxide     | 240: 96 h                | 215: 96 h Lepomis              | EC50 = 3300 mg/L 160 min | 350: 48 h Daphnia magna   |
| 75-56-9             | Pseudokirchneriella      | macrochirus mg/L LC50          | ,,,,,,,,,,,,             | mg/L EC50                 |
|                     | subcapitata mg/L EC50    | static                         |                          |                           |

# Persistence/Degradability

Not determined.

### **Bioaccumulation**

Not determined.

## Mobility

| Chemical Name                  | Partition Coefficient |
|--------------------------------|-----------------------|
| Toluene<br>108-88-3            | 2.65                  |
| Tetrahydrofuran<br>109-99-9    | 0.45                  |
| Methyl ethyl ketone<br>78-93-3 | 0.29                  |
| Propylene<br>oxide 75-56-9     | 0.08                  |

# Other Adverse Effects

Not determined

# **13. DISPOSAL CONSIDERATIONS**

# Waste Treatment Methods

| Disposal of Wastes     | Disposal should be in accordance with applicable regional, national and locallaws and regulations.  |
|------------------------|---|
| Contaminated Packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

#### US EPA Waste Number

| Chemical Name                  | RCRA | RCRA - Basis for Listing   | RCRA - D Series Wastes      | RCRA - U Series Wastes |
|--------------------------------|------|--|-----------------------------|------------------------|
| Toluene<br>108-88-3            | U220 | Included in waste streams:<br>F005, F024, F025, F039,<br>K015, K036, K037, K149,<br>K151 |                             | U220                   |
| Tetrahydrofuran<br>109-99-9    |      |  |                             | U213                   |
| Methyl ethyl ketone<br>78-93-3 | U159 | Included in waste streams:<br>F005, F039   | 200.0 mg/L regulatory level | U159                   |

| Chemical Name       | RCRA - Halogenated<br>Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes   | RCRA - K Series Wastes |
|---------------------|---|------------------------|--|------------------------|
| Toluene<br>108-88-3 |   |                        | Toxic waste<br>waste number F025<br>Waste description:<br>Condensed light ends, spent<br>filters and filter aids, and<br>spent desiccant wastes from<br>the production of certain<br>chlorinated aliphatic<br>hydrocarbons, by free radical<br>catalyzed processes. These<br>chlorinated aliphatic<br>hydrocarbons are those<br>having carbon chain lengths<br>ranging from one to and<br>including five, with varying<br>amounts and positions of<br>chlorine substitution. |                        |

# California Hazardous Waste Status

| Chemical Name       | California Hazardous Waste Status |
|---------------------|-----------------------------------|
| Toluene             | Toxic                             |
| 108-88-3            | Ignitable                         |
| Tetrahydrofuran     | Toxic                             |
| 109-99-9            | Ignitable                         |
| Methyl ethyl ketone | Toxic                             |
| 78-93-3             | Ignitable                         |
| Propylene           | Toxic                             |
| oxide 75-56-9       | Ignitable                         |

# **14. TRANSPORT INFORMATION**

# Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

| DOT                  |   |
|----------------------|---|
| UN/ID No             | UN1263  |
| Proper Shipping Name | Paint   |
| Hazard Class         | 3   |
| Packing Group        | II  |
| ΙΑΤΑ                 |   |
| UN/ID No             | UN1263  |
| Proper Shipping Name | Paint   |
| Hazard Class         | 3   |
| Packing Group        | 5<br>II   |
| Packing Group        |   |
| IMDG                 |   |
| UN/ID No             | UN1263  |
| Proper Shipping Name | Paint   |
| Hazard Class         | 3   |
| Packing Group        | 11  |
| Marine Pollutant     | This material may meet the definition of a marine pollutant |

# 15. REGULATORY INFORMATION

#### International Inventories

| DSL  | Listed |
|------|--------|
| NDSL | Listed |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

#### US Federal Regulations

#### CERCLA

| Chemical Name       | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)         |
|---------------------|--------------------------|----------------|----------------------------------|
| Toluene             | 1000 lb 1 lb             |                | RQ 1000 lb final RQ              |
| 108-88-3            |                          |                | RQ 454 kg final RQ RQ 1 lb final |
|                     |                          |                | RQ                               |
|                     |                          |                | RQ 0.454 kg final RQ             |
| Tetrahydrofuran     | 1000 lb                  |                | RQ 1000 lb final RQ              |
| 109-99-9            |                          |                | RQ 454 kg final RQ               |
| Methyl ethyl ketone | 5000 lb                  |                | RQ 5000 lb final RQ              |
| 78-93-3             |                          |                | RQ 2270 kg final RQ              |
| Propylene oxide     | 100 lb                   | 100 lb         | RQ 100 lb final RQ               |
| 75-56-9             |                          |                | RQ 45.4 kg final RQ              |

#### **SARA 313**

| Chemical Name             | CAS No   | Weight-% | SARA 313 - Threshold<br>Values % |
|---------------------------|----------|----------|----------------------------------|
| Toluene - 108-88-3        | 108-88-3 | 40-50    | 1.0                              |
| Propylene oxide - 75-56-9 | 75-56-9  | 0.5-1.5  | 0.1                              |

# CWA (Clean Water Act)

| Component                              | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|--|--------------------------------|------------------------|---------------------------|-------------------------------|
| Toluene<br>108-88-3(40-50)             | 1000 lb                        | X                      | Х                         | Х                             |
| Propylene oxide<br>75-56-9 ( 0.5-1.5 ) | 100 lb                         |                        |                           | Х                             |

#### **US State Regulations**

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical Name             | California Proposition 65 |  |
|---------------------------|---------------------------|--|
| Toluene - 108-88-3        | Developmental             |  |
|                           | Female Reproductive       |  |
| Propylene oxide - 75-56-9 | Carcinogen                |  |

#### U.S. State Right-to-Know Regulations

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Toluene<br>108-88-             | Х          | X             | Х            |
| Tetrahydrofuran<br>109-99-9    | Х          | X             | Х            |
| Methyl ethyl ketone<br>78-93-3 | Х          | X             | Х            |
| Propylene<br>oxide 75-         | Х          | X             | Х            |

# **16. OTHER INFORMATION**

| <u>NFPA</u><br>HMIS                             | Health Hazards<br>3<br>Health Hazards<br>3 | Flammability<br>3<br>Flammability<br>3 | Instability<br>0<br>Physical Hazards<br>0 | Special Hazards<br>Not determined<br>Personal Protection<br>X |
|---|--|--|---|---|
| Issue Date:<br>Revision Date:<br>Revision Note: | 06-Jan-2013<br>01-Jan-2024<br>New format   |  |   |   |

#### **Disclaimer**

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.

#### **End of Safety Data Sheet**