KIMBALL MIDWEST
*Specializing in Materials Management*

# SAFETY DATA SHEET.

**Issuing date** 11-Nov-2015 **Revision Date** 10-Nov-2022 **Version** 1.03

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**
**Product name** Ultra Guard Extreme Air Tool Conditioner

**Recommended use of the chemical and restrictions on use**

**Product code** 80-291

**Product Type** Extremely Flammable Aerosol
**Synonyms** None

**Supplier's details**

**Recommended Use** Lubricant for forklifts used in food, beverage, and pharmaceutical processing areas. pneumatic tools.

**Uses advised against** **No information available**

**Manufactured For:**
Kimball Midwest
4800 Roberts Rd.
Columbus, OH 43228
800-233-1294

**Emergency telephone number**
**Chemical Emergency Phone Number** CHEMTREC : 1-800-424-9300
**Company Emergency Phone Number** 800-233-1294

## 2. HAZARDS IDENTIFICATION

**Classification**

| | |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |
| Flammable Aerosols | Category 1 |
| Gases under pressure | Compressed Gas |

**GHS Label elements, including precautionary statements**

**Emergency Overview**

**DANGER**

**Hazard Statements**
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation. May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Extremely Flammable Aerosol
Contains gas under pressure; may explode if heated

**Appearance** Clear

**Physical state** Aerosol

**Odor** Mild Solvent

**Precautionary Statements - Prevention**
Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing fumes, gas, mist, vapors, spray.
Wear protective gloves, eye protection, face protection.
Use only outdoors or in a well-ventilated area.
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.

**Precautionary Statements - Response**
Specific treatment (see first aid on this label).
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 ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice, attention.
Take off contaminated clothing and wash it before reuse.
IF INHALED : Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor, physician if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician.
Do NOT induce vomiting.

**Precautionary Statements - Storage**
Store locked up.

Store in a well-ventilated place. Keep container tightly closed.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**
Dispose of contents, container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

None

**Other information**

0.00000119% of the mixture consists of ingredient(s) of unknown toxicity.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight %* |
|---|---|---|
| NAPHTHENIC OIL, SEVERELY HYDROTREATED | 64742-52-5 | 30-40 |
| LUBRICANT ADDITIVE | PROPRIETARY | 20-30 |
| PETROLEUM DISTILLATES | 64742-89-8 | 10-20 |
| PARAFFINIC PETROLEUM OIL | 64742-65-0 | 10-20 |
| ISOPROPYL ALCOHOL | 67-63-0 | 1-10 |
| PETROLEUM HYDROCARBON MIXTURE | MIXTURE | 1-10 |
| CARBON DIOXIDE | 124-38-9 | 1-10 |
| TOLUENE | 108-88-3 | <0.1 |
| NAPHTHALENE | 91-20-3 | <0.1 |
| ETHYL BENZENE | 100-41-4 | <0.1 |
| BENZENE | 71-43-2 | <0.1 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

**General advice** Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.

**Eye contact** Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.

**Skin contact** Wash off with soap and plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

**Inhalation** Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

**Ingestion** Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

**Protection of First-aiders** Remove all sources of ignition.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** Causes skin and serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Water fog.Dry chemical. Foam.Carbon dioxide (CO2). Cool containers/tanks with water spray.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire. Keep away from sources of ignition - No smoking.

**Specific hazards arising from the chemical**
Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**Hazardous Combustion Products** Acrid smoke/fumes. Carbon oxides , Hydrocarbons, Fumes. Sulfur oxides.

**Explosion Data**
**Sensitivity to Mechanical Impact** none.
**Sensitivity to Static Discharge** Yes.

**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. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use with adequate ventiliation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.

**Environmental precautions**

**Environmental precautions** Vapors can accumulate in low areas. Report spills as required by local and federal regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Soak up with inert absorbent material. Contain liquid and collect with an inter, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly . After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkali , or oxidizing agents.

**Aerosol Level** 3

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| PARAFFINIC PETROLEUM OIL<br>64742-65-0 | PEL, 5 mg/m³, Mist<br>STEL, 10 mg/m³, Mist<br>TWA, 5 mg/m³, Mist | PEL, 5mg/m³, Mist<br>STEL, 10 mg/m³, Mist<br>TWA, 5 mg/m³, Mist | - |
| ISOPROPYL ALCOHOL<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m³<br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m³<br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m³ | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m³<br>STEL: 500 ppm<br>STEL: 1225 mg/m³ |
| CARBON DIOXIDE<br>124-38-9 | STEL: 30000 ppm<br>TWA: 5000 ppm | TWA: 5000 ppm<br>TWA: 9000 mg/m³<br>(vacated) TWA: 10000 ppm<br>(vacated) TWA: 18000 mg/m³<br>(vacated) STEL: 30000 ppm<br>(vacated) STEL: 54000 mg/m³ | IDLH: 40000 ppm<br>TWA: 5000 ppm<br>TWA: 9000 mg/m³<br>STEL: 30000 ppm<br>STEL: 54000 mg/m³ |
| ETHYL BENZENE<br>100-41-4 | TWA: 20 ppm | TWA: 100 ppm<br>TWA: 435 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m³<br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m³ | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m³<br>STEL: 125 ppm<br>STEL: 545 mg/m³ |
| TOLUENE<br>108-88-3 | TWA: 20 ppm | TWA: 200 ppm<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 375 mg/m³<br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 560 mg/m³<br>Ceiling: 300 ppm | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m³<br>STEL: 150 ppm<br>STEL: 560 mg/m³ |
| BENZENE<br>71-43-2 | STEL: 2.5 ppm<br>TWA: 0.5 ppm<br>Skin - potential significant contribution to overall exposure by the cutaneous route | TWA: 10 ppm applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028<br>TWA: 1 ppm<br>(vacated) TWA: 10 ppm unless specified in 1910.1028<br>(vacated) STEL: 50 ppm 10 min unless specified in 1910.1028<br>(vacated) Ceiling: 25 ppm unless specified in 1910.1028<br>Ceiling: 25 ppm<br>STEL: 5 ppm see 29 CFR 1910.1028 | IDLH: 500 ppm<br>TWA: 0.1 ppm<br>STEL: 1 ppm |
| NAPHTHALENE<br>91-20-3 | TWA: 10 ppm<br>Skin - potential significant contribution to overall exposure by the cutaneous route | TWA: 10 ppm<br>TWA: 50 mg/m³<br>(vacated) TWA: 10 ppm<br>(vacated) TWA: 50 mg/m³<br>(vacated) STEL: 15 ppm<br>(vacated) STEL: 75 mg/m³ | IDLH: 250 ppm<br>TWA: 10 ppm<br>TWA: 50 mg/m³<br>STEL: 15 ppm<br>STEL: 75 mg/m³ |
| XYLENE<br>1330-20-7 | STEL: 150 ppm<br>TWA: 100 ppm | TWA: 100 ppm<br>TWA: 435 mg/m³<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m³ | Not Established |

| | | | |
|---|---|---|---|
| | | (vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m³ | |

*ACGIH: (American Conference of Governmental Industrial Hygienists)*
*OSHA: (Occupational Safety & Health Administration)*
*NIOSH IDLH: Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Exposure controls**

**Engineering Measures** Ventilation systems. Use adequate ventilation to keep the exposure levels below the occupational exposure limits.

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

**Eye/Face Protection** Tightly fitting safety goggles.

**Skin and body protection** Chemical resistant apron. Protective gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Aerosol | | |
| **Appearance** | Clear | **Odor** | Mild Solvent |
| **Color** | Red | **Odor Threshold** | |

| **Property** | **Values** | **Remarks • Methods** |
|---|---|---|
| **pH** | 0 | |
| **Melting/freezing point** | No information available | |
| **Boiling point/boiling range** | | |
| **Flash Point** | >= 12 °C / >= 54 °F | Closed cup (based on components) |
| **Evaporation rate** | No information available | |
| **Flammability (solid, gas)** | No information available | |
| **Flammability Limits in Air** | | |
| **upper flammability limit** | | |
| **lower flammability limit** | | |
| **Vapor pressure** | | |
| **Vapor density** | | |
| **Specific Gravity** | 0.904 | |
| **Water solubility** | Practically insoluble | |
| **Partition coefficient: n-octanol/water** | | |
| **Autoignition temperature** | No information available | Not applicable |
| **Decomposition temperature** | | |
| **Viscosity** | No information available | |
| **Explosive properties** | | |

**Other information**

| | |
|---|---|
| **VOC Content(%)** | 25.41 |
| **MIR Value** | 0.31 |

## 10. STABILITY AND REACTIVITY

**Reactivity**
No data available

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Conditions to Avoid**
Heat, flames and sparks. Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.

**Incompatible Materials**
Strong acids, alkali , or oxidizing agents.

**Hazardous Decomposition Products**
Carbon oxides , Hydrocarbons, Fumes.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Inhalation** May cause respiratory irritation, May cause drowsiness or dizziness.

**Eye contact** Causes serious eye irritation.

**Skin contact** Causes skin irritation.

**Ingestion** May be fatal if swallowed and enters airways.

**Component Information**

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| NAPHTHENIC OIL, SEVERELY HYDROTREATED 64742-52-5 | > 5000 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | - |
| PETROLEUM DISTILLATES 64742-89-8 | - | = 3000 mg/kg ( Rabbit ) | - |
| PARAFFINIC PETROLEUM OIL 64742-65-0 | > 15000 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | > 2400 mg/m³ ( Rat ) 4 h |
| ISOPROPYL ALCOHOL 67-63-0 | = 1870 mg/kg ( Rat ) | = 4059 mg/kg ( Rabbit ) | = 72600 mg/m³ ( Rat ) 4 h |
| TOLUENE 108-88-3 | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L ( Rat ) 4 h |
| NAPHTHALENE 91-20-3 | = 1110 mg/kg ( Rat ) | = 1120 mg/kg ( Rabbit ) | > 340 mg/m³ ( Rat ) 1 h |
| ETHYL BENZENE 100-41-4 | = 3500 mg/kg ( Rat ) | = 15400 mg/kg ( Rabbit ) | = 17.4 mg/L ( Rat ) 4 h |
| BENZENE 71-43-2 | = 810 mg/kg ( Rat ) | > 8200 mg/kg ( Rabbit ) | = 44.66 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause respiratory irritation. May be fatal if swallowed and enters airways.

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

**Skin corrosion/irritation** Irritating to skin.
**Eye damage/irritation** Irritating to eyes.

**Sensitization** Not a known sensitizer.
**Germ cell mutagenicity** Not a germ cell mutagen.
**Carcinogenicity** The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| PARAFFINIC PETROLEUM OIL 64742-65-0 | A2 | Group 1 | Known | X |
| TOLUENE 108-88-3 | - | Group 3 | - | - |
| NAPHTHALENE 91-20-3 | A3 | Group 2B | Reasonably Anticipated | X |
| ETHYL BENZENE 100-41-4 | A3 | Group 2B | - | X |
| BENZENE 71-43-2 | A1 | Group 1 | Known | X |

*ACGIH: (American Conference of Governmental Industrial Hygienists)*
*A2 - Suspected Human Carcinogen*
*A3 - Animal Carcinogen*
*IARC: (International Agency for Research on Cancer)*
*Group 3 - Not Classifiable as to Carcinogenicity in Humans*
*Group 1 - Carcinogenic to Humans*
*NTP: (National Toxicity Program)*
*Known - Known Carcinogen*
*OSHA: (Occupational Safety & Health Administration)*
*X - Present*

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.
**Specific target organ systemic toxicity (single exposure)** May cause respiratory irritation. May cause drowsiness or dizziness.
**Specific target organ systemic toxicity (repeated exposure)** None known.
**Chronic toxicity** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.
**Target Organ Effects** Skin, Eyes, Respiratory System, and Central Nervous System.
**Neurological effects** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.00000119% of the mixture consists of ingredient(s) of unknown toxicity.
**The following values are calculated based on chapter 3.1 of the GHS document**
**ATEmix (oral)** 5486 mg/kg
**ATEmix (dermal)** 11491 mg/kg
**ATEmix (inhalation-dust/mist)** 19.2 mg/l
**ATEmix (inhalation-vapor)** 38.4 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|---|---|---|---|---|
| NAPHTHENIC OIL, SEVERELY HYDROTREATED 64742-52-5 | - | 5000 mg/L LC50 Oncorhynchus mykiss 96h | - | 1000 mg/L EC50 Daphnia magna 48h |
| PETROLEUM DISTILLATES 64742-89-8 | 4700 mg/L EC50 Pseudokirchneriella subcapitata 72h | - | - | - |
| PARAFFINIC PETROLEUM OIL 64742-65-0 | - | 5000 mg/L LC50 Oncorhynchus mykiss 96h | - | 1000 mg/L EC50 Daphnia magna 48h |
| ISOPROPYL ALCOHOL | 1000 mg/L EC50 | 11130 mg/L LC50 | - | 13299 mg/L EC50 Daphnia |

| | | | | |
|---|---|---|---|---|
| 67-63-0 | Desmodesmus subspicatus 72h 1000 mg/L EC50 Desmodesmus subspicatus 96h | Pimephales promelas 96h static 9640 mg/L LC50 Pimephales promelas 96h flow-through 1400000 µg/L LC50 Lepomis macrochirus 96h | | magna 48h |
| CARBON DIOXIDE 124-38-9 | - | 0.46 mg/L LC50 Oncorhynchus mykiss | - | - |
| TOLUENE 108-88-3 | 12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static 433 mg/L EC50 Pseudokirchneriella subcapitata 96h | 11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static | - | 5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h |
| NAPHTHALENE 91-20-3 | - | 0.91 - 2.82 mg/L LC50 Oncorhynchus mykiss 96h static 5.74 - 6.44 mg/L LC50 Pimephales promelas 96h flow-through 1.6 mg/L LC50 Oncorhynchus mykiss 96h flow-through 1.99 mg/L LC50 Pimephales promelas 96h static 31.0265 mg/L LC50 Lepomis macrochirus 96h static | - | 1.09 - 3.4 mg/L EC50 Daphnia magna 48h Static 1.96 mg/L EC50 Daphnia magna 48h Flow through 2.16 mg/L LC50 Daphnia magna 48h |
| ETHYL BENZENE 100-41-4 | 1.7 - 7.6 mg/L EC50 Pseudokirchneriella subcapitata 96h static 2.6 - 11.3 mg/L EC50 Pseudokirchneriella subcapitata 72h static 4.6 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella subcapitata 96h | 11.0 - 18.0 mg/L LC50 Oncorhynchus mykiss 96h static 7.55 - 11 mg/L LC50 Pimephales promelas 96h flow-through 9.1 - 15.6 mg/L LC50 Pimephales promelas 96h static 32 mg/L LC50 Lepomis macrochirus 96h static 4.2 mg/L LC50 Oncorhynchus mykiss 96h semi-static 9.6 mg/L LC50 Poecilia reticulata 96h static | - | 1.8 - 2.4 mg/L EC50 Daphnia magna 48h |
| BENZENE 71-43-2 | 29 mg/L EC50 Pseudokirchneriella subcapitata 72h | 10.7 - 14.7 mg/L LC50 Pimephales promelas 96h flow-through 22330 - 41160 µg/L LC50 Pimephales promelas 96h static 70000 - 142000 µg/L LC50 Lepomis macrochirus 96h static 22.49 mg/L LC50 Lepomis macrochirus 96h static 28.6 mg/L LC50 Poecilia reticulata 96h static 5.3 mg/L LC50 Oncorhynchus mykiss 96h flow-through | - | 8.76 - 15.6 mg/L EC50 Daphnia magna 48h Static 10 mg/L EC50 Daphnia magna 48h |

**Persistence and degradability**

**Bioaccumulation**

| Chemical Name | log Pow |
|---|---|
| ISOPROPYL ALCOHOL<br>67-63-0 | 0.05 |
| TOLUENE<br>108-88-3 | 2.7 |
| NAPHTHALENE<br>91-20-3 | 3.6 |
| ETHYL BENZENE<br>100-41-4 | 3.2 |
| BENZENE<br>71-43-2 | 2.1 |

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations. Dispose of in accordance with federal, state, and local regulations. Dispose of in accordance with local regulations.

**Contaminated packaging** Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Pressurized container: Do not pierce or burn, even after use.

## 14. TRANSPORT INFORMATION

**DOT Ground** LIMITED QUANITY

**IATA** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD .QTY.

**IMDG** UN1950, AEROSOLS, 2.1, LTD.QTY

## 15. REGULATORY INFORMATION

**International Inventories**

| Chemical Name | TSCA | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---|---|---|---|---|---|---|---|---|
| NAPHTHENIC OIL, SEVERELY HYDROTREATED | X | X | X | Not listed | X | X | X | X |
| PETROLEUM DISTILLATES | X | X | X | Not listed | X | X | X | X |
| PARAFFINIC PETROLEUM OIL | X | X | X | Not listed | X | X | X | X |
| ISOPROPYL ALCOHOL | X | X | X | X | X | X | X | X |
| CARBON DIOXIDE | X | X | X | X | X | X | X | X |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOLUENE | X | X | X | X | X | X | X | X |
| NAPHTHALENE | X | X | X | X | X | X | X | X |
| ETHYL BENZENE | X | X | X | X | X | X | X | X |
| BENZENE | X | X | X | X | X | X | X | X |

**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 Commercial Chemical Substances/EU List of Notified Chemical Substances
**ENCS** - Japan Existing and New Chemical Substances
**CHINA** - China Inventory of Existing Chemical Substances
**KECL** - Korean Existing and Evaluated Chemical Substances
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances
**AICS** - Australian Inventory of Chemical Substances

## U.S. Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | Weight %* | SARA 313 - Threshold Values % |
|---|---|---|---|
| ISOPROPYL ALCOHOL - 67-63-0 | 67-63-0 | 1-10 | 1.0 |
| BENZENE - 71-43-2 | 71-43-2 | <0.1 | 0.1 |
| NAPHTHALENE - 91-20-3 | 91-20-3 | <0.1 | 0.1 |
| ETHYL BENZENE - 100-41-4 | 100-41-4 | <0.1 | 0.1 |
| TOLUENE - 108-88-3 | 108-88-3 | <0.1 | 1.0 |

### SARA 311/312 Hazard Categories

| | |
|---|---|
| **Acute Health Hazard** | Yes |
| **Chronic Health Star Hazard** | Yes |
| **Fire Hazard** | Yes |
| **Sudden Release of Pressure Hazard** | Yes |
| **Reactive Hazard** | No |

### Clean Water Act

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| TOLUENE 108-88-3 | 1000 lb | X | X | X |
| NAPHTHALENE 91-20-3 | 100 lb | X | X | X |
| ETHYL BENZENE 100-41-4 | 1000 lb | X | X | X |
| BENZENE 71-43-2 | 10 lb | X | X | X |

### CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|---|---|---|---|
| TOLUENE 108-88-3 | 1000 lb | | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
| NAPHTHALENE 91-20-3 | 100 lb | | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |
| ETHYL BENZENE | 1000 lb | | RQ 1000 lb final RQ |

| | | | |
|---|---|---|---|
| 100-41-4 | | | RQ 454 kg final RQ |
| BENZENE<br>71-43-2 | 10 lb | | RQ 10 lb final RQ<br>RQ 4.54 kg final RQ |

## U.S. State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals:

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

| Chemical Name | California Prop. 65 |
|---|---|
| BENZENE - 71-43-2 | Cancer<br>Developmental (Male)<br>/ <0.1% |
| NAPHTHALENE - 91-20-3 | Cancer /<0.1% |
| ETHYL BENZENE - 100-41-4 | Cancer/ <0.1% |
| TOLUENE - 108-88-3 | Developmental / <0.1% |

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

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| PETROLEUM DISTILLATES<br>64742-89-8 | | | X |
| ISOPROPYL ALCOHOL<br>67-63-0 | X | X | X |
| CARBON DIOXIDE<br>124-38-9 | X | X | X |
| ETHYL BENZENE<br>100-41-4 | X | X | X |
| TOLUENE<br>108-88-3 | X | X | X |
| BENZENE<br>71-43-2 | X | X | X |
| NAPHTHALENE<br>91-20-3 | X | X | X |
| XYLENE<br>1330-20-7 | X | X | X |

**EPA Pesticide Registration Number** Not applicable

### Canada

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.**

## 16. OTHER INFORMATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NFPA** | **Health Hazard** | 2 | **Flammability** | 4 | **Instability** | 0 | **Physical and chemical hazards** - |
| **HMIS** | **Health Hazard** | 2* | **Flammability** | 4 | **Physical Hazard** | 1 | **Personal protection** B |

*Chronic Hazard Star Legend* *Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system damage*

**Prepared By** Regulatory Affairs
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**Disclaimer**

**The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.**

**End of Safety Data Sheet**