

# SAFETY DATA SHEET.

Issuing date 27-May-2015

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Version 2

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

### Product identifier

**Product name** Red Kote

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

**Product code** 7614, 9954, 8031

**Product Type** Extremely flammable aerosol  
**Synonyms** None

### Supplier's details

**Recommended Use** Battery Sealant & Metal Protector.  
**Uses advised against** No information available

### **Manufactured For:**

Tifco Industries  
P.O. Box 40277  
Houston, TX 77240

### Emergency telephone number

**Chemical Emergency Phone Number** CHEM-TEL, INC. 1-800-255-3924  
**Company Phone Number** 281-571-6000

## 2. HAZARDS IDENTIFICATION

### Classification

|  |                |
|--|----------------|
| Skin corrosion/irritation                          | Category 2     |
| Serious eye damage/eye irritation                  | Category 2A    |
| Carcinogenicity                                    | Category 2     |
| 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 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  
 Suspected of causing cancer  
 Suspected of damaging fertility or the unborn child  
 May cause respiratory irritation. May cause drowsiness or dizziness  
 May cause damage to organs (central nervous system ,eyes, respiratory system, and skin) through prolonged or repeated exposure.  
 May be fatal if swallowed and enters airways  
 Extremely flammable aerosol  
 Contains gas under pressure; may explode if heated



**Appearance** opaque

**Physical state** Aerosol

**Odor** Light Vanilla Scent

#### Precautionary Statements - Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Wash face, hands and any exposed skin thoroughly after handling  
 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  
 Do not spray on an open flame or other ignition source  
 Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention  
 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.  
 Take off contaminated clothing and wash before reuse  
 If skin irritation occurs: Get medical advice/attention  
 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 or 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**

• Toxic to aquatic life with long lasting effects

0.0317% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS # 110-54-3, HEXANE, MAY BE SUBSTITUTED FOR CAS # 64742-49-0, COMMERCIAL HEXANES.

| Chemical Name                         | CAS-No     | Weight %* |
|---------------------------------------|------------|-----------|
| XYLENE                                | 1330-20-7  | 10-20     |
| PROPANE/ISOBUTANE/N-BUTANE            | 68476-86-8 | 10-20     |
| NAPHTHENIC OIL, SEVERELY HYDROTREATED | 64742-52-5 | 1-10      |
| HEXANE                                | 64742-49-0 | 1-10      |
| ETHYL BENZENE                         | 100-41-4   | 1-10      |
| HYDROTREATED HEAVY NAPHTHENIC         | 64742-48-9 | 1-10      |
| ORGANOPHOSPATE ESTER,ZINC SALT        | 68649-42-3 | 0.1-1     |

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

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

|                       |   |
|-----------------------|---|
| <b>General advice</b> | Avoid contact with eyes,skin, and clothing.Avoid breathing, vapors,mist,or gas.   |
| <b>Eye contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.                           |
| <b>Skin contact</b>   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.  |
| <b>Inhalation</b>     | Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately. |

**Ingestion** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Call a physician or Poison Control Center immediately.

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

**Main Symptoms** Causes skin and eye irritation. Irritating to respiratory system. May cause drowsiness or dizziness. May damage to fertility or the unborn child. May cause cancer. Harmful or fatal if swallowed and enters airways. Causes damage to organs through prolonged or repeated exposure.

**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. 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.

**Specific hazards arising from the chemical**

Flammable or extremely flammable aerosol. Container may burst in fire. Extremely flammable.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Use with adequate ventilation to keep the exposure levels below the OELS. Absorb with sand, clay, or other suitable material. Hard surfaces may be mopped with water. Remove all sources of ignition. Avoid contact with the skin and the eyes. Evacuate personnel to be safe areas. Keep people away from and upwind of spill/leak. Contents under pressure. Do not puncture or incinerate cans. Wear protective gloves/clothing and eye/face protection.

**Environmental precautions**

**Environmental precautions** Report spills as required by local and federal regulations. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

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

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

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

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Advice on safe handling**

Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid contact with skin and eyes. Avoid breathing vapors or mist. DO not puncture or incinerate container. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Do not lay on its side. Store in a cool place.

**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**

Store away from strong oxidizers and acids.

**Aerosol Level**

1

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name                            | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|--|---|--|--|
| XYLENE<br>1330-20-7                      | STEL: 150 ppm<br>TWA: 100 ppm   | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m <sup>3</sup>                       | -  |
| PROPANE/ISOBUTANE/N-BUTANE<br>68476-86-8 | 74-98-6: TWA: 1000 ppm<br>106-97-8: STEL: 1000 ppm<br>75-28-5: STEL: 1000 ppm                       | 74-98-6: TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>106-97-8: (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | 74-98-6: IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>106-97-8: TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>75-28-5: TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup> |
| HEXANE<br>64742-49-0                     | TWA: 50 ppm<br>Skin - potential significant contribution to overall exposure by the cutaneous route | TWA: 500 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 180 mg/m <sup>3</sup>   | IDLH: 1100 ppm<br>TWA: 50 ppm<br>TWA: 180 mg/m <sup>3</sup>  |
| ETHYL BENZENE<br>100-41-4                | TWA: 20 ppm   | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m <sup>3</sup>                       | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup>  |

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 OELs.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Safety glasses with side-shields.

|                                 |   |
|---------------------------------|---|
| <b>Skin and body protection</b> | Chemical resistant apron. Protective gloves.  |
| <b>Respiratory protection</b>   | 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. |
| <b>Hygiene measures</b>         | Handle in accordance with good industrial hygiene and safety practice.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

|   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| <b>Physical state</b>                         | Aerosol                  | <b>Odor</b>              | Light Vanilla Scent      |
| <b>Appearance</b>                             | opaque                   | <b>Odor Threshold</b>    | No information available |
| <b>Color</b>                                  | pink                     |                          |                          |
| <b>Property</b>                               | <b>Values</b>            | <b>Remarks • Methods</b> |                          |
| <b>pH</b>                                     | No information available |                          |                          |
| <b>Melting/freezing point</b>                 | No information available |                          |                          |
| <b>Boiling point/boiling range</b>            | No information available |                          |                          |
| <b>Flash Point</b>                            | -97 °C / -142 °F         | Based on propellant      |                          |
| <b>Evaporation rate</b>                       | No information available |                          |                          |
| <b>Flammability (solid, gas)</b>              | No information available |                          |                          |
| <b>Flammability Limits in Air</b>             |                          |                          |                          |
| <b>upper flammability limit</b>               | No information available |                          |                          |
| <b>lower flammability limit</b>               | No information available |                          |                          |
| <b>Vapor pressure</b>                         | No information available |                          |                          |
| <b>Vapor density</b>                          | No information available |                          |                          |
| <b>Specific Gravity</b>                       | 0.895                    |                          |                          |
| <b>Water solubility</b>                       | Practically insoluble    |                          |                          |
| <b>Partition coefficient: n-octanol/water</b> | No information available | Not applicable           |                          |
| <b>Autoignition temperature</b>               | No information available |                          |                          |
| <b>Decomposition temperature</b>              | No information available |                          |                          |
| <b>Viscosity</b>                              | No information available |                          |                          |
| <b>Explosive properties</b>                   | No information available |                          |                          |
| <b><u>Other information</u></b>               |                          |                          |                          |
| <b>VOC Content(%)</b>                         | 29.98                    |                          |                          |

## 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

Extremes of temperature and direct sunlight.

### Incompatible Materials

Store away from strong oxidizers and acids.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Vapors may irritate throat and respiratory system. May cause drowsiness and dizziness based on components. May cause irritation of respiratory tract. Avoid breathing vapors or mists. |
| <b>Eye contact</b>  | Irritating to eyes. Avoid contact with eyes.   |
| <b>Skin contact</b> | Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. Avoid contact with skin.   |
| <b>Ingestion</b>    | May be harmful or fatal if swallowed. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.  |

#### Component Information

| Chemical Name                                  | LD50 Oral            | LD50 Dermal              | LC50 Inhalation          |
|--|----------------------|--------------------------|--------------------------|
| XYLENE<br>1330-20-7                            | = 3500 mg/kg ( Rat ) | > 4350 mg/kg ( Rabbit )  | = 29.08 mg/L ( Rat ) 4 h |
| HEXANE<br>64742-49-0                           | > 5000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit )  | = 73680 ppm ( Rat ) 4 h  |
| ETHYL BENZENE<br>100-41-4                      | -                    | = 15400 mg/kg ( Rabbit ) | -                        |
| HYDROTREATED HEAVY<br>NAPHTHENIC<br>64742-48-9 | > 5000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit )  | -                        |

### Information on toxicological effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Symptoms of overexposure may be headache, tiredness, nausea, and vomiting. Causes respiratory irritation. Causes skin and eye irritation. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal. |
|-----------------|---|

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

|                                  |  |
|----------------------------------|--|
| <b>Skin corrosion/irritation</b> | Irritating to skin.  |
| <b>Eye damage/irritation</b>     | Irritating to eyes.  |
| <b>Sensitization</b>             | None known.  |
| <b>Germ Cell Mutagenicity</b>    | None known.  |
| <b>Carcinogenicity</b>           | The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen. |

| Chemical Name             | ACGIH | IARC     | NTP | OSHA |
|---------------------------|-------|----------|-----|------|
| XYLENE<br>1330-20-7       | -     | Group 3  | -   | -    |
| ETHYL BENZENE<br>100-41-4 | A3    | Group 2B | -   | -    |

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

|  |  |
|--|--|
| <b>Reproductive toxicity</b>                                       | Suspected of damaging fertility or the unborn child.   |
| <b>Specific target organ systemic toxicity (single exposure)</b>   | may cause drowsiness and dizziness. May cause respiratory irritation.  |
| <b>Specific target organ systemic toxicity (repeated exposure)</b> | May cause damage to organs through prolonged or repeated exposure.   |
| <b>Chronic toxicity</b>  | 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** Central nervous system, Eyes, Respiratory system, Skin.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.0317% 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)** 434256 mg/kg  
**ATEmix (dermal)** 9115 mg/kg  
**ATEmix (inhalation-dust/mist)** 10.6 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

| Chemical Name   | Toxicity to algae  | Toxicity to fish  | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates                      |
|---|--|---|----------------------------|--|
| XYLENE<br>1330-20-7                                       | -  | 13.1 - 16.5 mg/L LC50<br>Lepomis macrochirus 96h<br>flow-through 13.5 - 17.3<br>mg/L LC50 Oncorhynchus<br>mykiss 96h 2.661 - 4.093<br>mg/L LC50 Oncorhynchus<br>mykiss 96h static 23.53 -<br>29.97 mg/L LC50<br>Pimephales promelas 96h<br>static 30.26 - 40.75 mg/L<br>LC50 Poecilia reticulata 96h<br>static 7.711 - 9.591 mg/L<br>LC50 Lepomis macrochirus<br>96h static 13.4 mg/L LC50<br>Pimephales promelas 96h<br>flow-through 19 mg/L LC50<br>Lepomis macrochirus 96h<br>780 mg/L LC50 Cyprinus<br>carpio 96h semi-static 780<br>mg/L LC50 Cyprinus carpio<br>96h | -                          | 0.6 mg/L LC50 Gammarus<br>lacustris 48h 3.82 mg/L<br>EC50 water flea 48h |
| PROPANE/ISOBUTANE/N-<br>BUTANE<br>68476-86-8              | -  | -   | -                          | -  |
| NAPHTHENIC OIL,<br>SEVERELY<br>HYDROTREATED<br>64742-52-5 | -  | 5000 mg/L LC50<br>Oncorhynchus mykiss 96h   | -                          | 1000 mg/L EC50 Daphnia<br>magna 48h                                      |
| ETHYL BENZENE<br>100-41-4                                 | 4.6 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 72h 438 mg/L<br>EC50 Pseudokirchneriella<br>subcapitata 96h 2.6 - 11.3<br>mg/L EC50<br>Pseudokirchneriella<br>subcapitata 72h static 1.7 -<br>7.6 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 96h static | 11.0 - 18.0 mg/L LC50<br>Oncorhynchus mykiss 96h<br>static 7.55 - 11 mg/L LC50<br>Pimephales promelas 96h<br>flow-through 9.1 - 15.6 mg/L<br>LC50 Pimephales promelas<br>96h static 32 mg/L LC50<br>Lepomis macrochirus 96h<br>static 4.2 mg/L LC50<br>Oncorhynchus mykiss 96h<br>semi-static 9.6 mg/L LC50<br>Poecilia reticulata 96h static   | -                          | 1.8 - 2.4 mg/L EC50<br>Daphnia magna 48h                                 |
| HYDROTREATED HEAVY<br>NAPHTHENIC<br>64742-48-9            | -  | 2200 mg/L LC50<br>Pimephales promelas 96h   | -                          | -  |
| ORGANOPHOSPHATE<br>ESTER,ZINC SALT<br>68649-42-3          | -  | 1.0 - 5.0 mg/L LC50<br>Pimephales promelas 96h<br>static 10.0 - 35.0 mg/L LC50<br>Pimephales promelas 96h<br>semi-static  | -                          | 1 - 1.5 mg/L EC50 Daphnia<br>magna 48h                                   |



**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                            | log Pow |
|--|---------|
| XYLENE<br>1330-20-7                      | 3.15    |
| PROPANE/ISOBUTANE/N-BUTANE<br>68476-86-8 | 2.8     |
| ETHYL BENZENE<br>100-41-4                | 3.118   |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods**

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

**Contaminated packaging**

Do not re-use empty containers.

**14. TRANSPORT INFORMATION****DOT Ground**CONSUMER COMMODITY ORM-D  
or  
LIMITED QUANTITY**IATA**

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

**IMDG**

UN1950, AEROSOLS, 2.1, LTD. QTY.

**15. REGULATORY INFORMATION****International Inventories**

| Chemical Name                               | TSCA | DSL/NDL | EINECS/ELI<br>NCS | ENCS       | IECSC | KECL | PICCS | AICS |
|---|------|---------|-------------------|------------|-------|------|-------|------|
| XYLENE                                      | X    | X       | X                 | X          | X     | X    | X     | X    |
| PROPANE/ISOBUTANE/N-BUTANE                  | X    | X       | X                 | Not listed | X     | X    | X     | X    |
| NAPHTHENIC OIL,<br>SEVERELY<br>HYDROTREATED | X    | X       | X                 | X          | X     | X    | X     | X    |
| HEXANE                                      | X    | X       | X                 | X          | X     | X    | X     | X    |
| ETHYL BENZENE                               | X    | X       | X                 | X          | X     | X    | X     | X    |
| HYDROTREATED<br>HEAVY NAPHTHENIC            | X    | X       | X                 | X          | X     | X    | X     | X    |
| ORGANOPHOSPHATE<br>ESTER,ZINC SALT          | X    | X       | X                 | Not listed | X     | X    | X     | X    |

**Legend:**

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

DSL/NDL - 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 contains 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 % |
|---|------------|-----------|-------------------------------|
| XYLENE - 1330-20-7                          | 1330-20-7  | 10-20     | 1.0                           |
| ETHYL BENZENE - 100-41-4                    | 100-41-4   | 1-10      | 0.1                           |
| ORGANOPHOSPATE ESTER,ZINC SALT - 68649-42-3 | 68649-42-3 | 0.1-1     | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | Yes |
| Sudden Release of Pressure Hazard | Yes |
| Reactive Hazard                   | no  |

**Clean Water Act**

This product contains 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 |
|---|-----------------------------|------------------------|---------------------------|----------------------------|
| XYLENE<br>1330-20-7                             | 100 lb                      |                        |                           | X                          |
| ETHYL BENZENE<br>100-41-4                       | 1000 lb                     | X                      | X                         | X                          |
| ORGANOPHOSPATE<br>ESTER,ZINC SALT<br>68649-42-3 |                             | X                      |                           |                            |

**CERCLA**

This material, as supplied, contains one or more 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  |
|---------------------------|--------------------------|------------------------------------|---|
| XYLENE<br>1330-20-7       | 100 lb                   |                                    | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |
| ETHYL BENZENE<br>100-41-4 | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name            | California Prop. 65 |
|--------------------------|---------------------|
| ETHYL BENZENE - 100-41-4 | Carcinogen          |

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

| Chemical Name                                   | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| XYLENE<br>1330-20-7                             | X          | X             | X            |
| ETHYL BENZENE<br>100-41-4                       | X          | X             | X            |
| ORGANOPHOSPATE<br>ESTER,ZINC SALT<br>68649-42-3 | 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 MSDS contains all the information required by the CPR.

### 16. OTHER INFORMATION

|                                   |                         |   |                          |  |
|-----------------------------------|-------------------------|---|--------------------------|--|
| <b>NFPA</b>                       | <b>Health Hazard 2</b>  | <b>Flammability 4</b>   | <b>Instability 0</b>     | <b>Physical and chemical hazards -</b> |
| <b>HMIS</b>                       | <b>Health Hazard 2*</b> | <b>Flammability 4</b>   | <b>Physical Hazard 1</b> | <b>Personal protection B</b>           |
| <i>Chronic Hazard Star Legend</i> |                         | <i>Chronic Health Hazard Repeated or prolonged exposure may cause central nervous system damage</i> |                          |  |

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#### **Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**