## **SAFETY DATA SHEET**

1. Identification

Product identifier Reactive Reducer-Medium

Product code 192

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

**Company name** PBE Jobbers Warehouse

Address 2921 Syene Rd

Madison, WI 53713

**Telephone** 608-274-8797

Emergency phone number EMERGENCY 24 Hrs. 800-424-9300 ChemTrec

Signal word

Hazard statement



#### 2. Hazard(s) identification

Physical hazards HealthFlammable liquids Skin corrosion/irritationCategory 2hazardsSerious eye damage/eye irritation Germ cellCategory 2mutagenicity CarcinogenicityCategory 2AReproductive toxicity (the unborn child)Category 1B

Specific target organ toxicity, single exposure Specific target organ toxicity, repeated Category 2

exposure Category

Hazardous to the aquatic environment, acute

Category 3 narcotic effects
Category 1

hazard

Environmental hazards

Hazardous to the aquatic environment, long-term hazard

Category 3

Not classified.

Category 3

#### OSHA defined hazards Label elements

Danger

Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention

Response

Storage

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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof

container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling.

Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face

protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before

reuse. In case of fire: Use appropriate media to extinguish.

**Disposal** Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place.

Keep cool. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise Static accumulating flammable liquid can become

electrostatically charged even in bonded and

classified (HNOC) grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**Supplemental information** 75.63% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 75.63% 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 |
| Toluene                                |                          | 108-88-3   | 10-<20    |
| v M & P Naphtha                        |                          | 64742-89-8 | 10-<20    |
| Isobutyl Acetate                       |                          | 110-19-0   | 5 - < 15  |
| Ester Solvent EEP                      |                          | 763-69-9   | 10 - < 0  |
| Ethylbenzene                           |                          | 100-41-4   | 0 + ∢ g   |
| N-Butyl Acetate                        |                          | 123-86-4   | O + ∢ 5   |
| Xylene                                 |                          | 1330-20-7  | O + ∢ 5   |
| ner components below reportable levels |                          |            | 1 - < 3   |

<sup>&#</sup>x27;Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

symptoms/effects, acute and

medical attention and special

Indication of immediate

Eye contact

Most important

treatment needed

**General information** 

Ingestion

delayed

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**Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation

occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

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.

Rinse mouth. Get medical attention if symptoms occur.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation.

May cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation.

Symptoms may be delayed.

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated

clothing before reuse.

#### 5. Fire-fighting measures

Suitable extinguishing media Alcohol resistant foam. Water fog. Carbon dioxide (C02). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Special protective equipment and precautions firefighters

Fire fighting **squipment/instructions** 

General fire hazards

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials. Highly flammable liquid and vapor.

#### 6. Accidental release measures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Conditions for safe storage, Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge including any incompatibilities build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

#### Occupational exposure limits

| Components                            | Туре    | . Value    |  |
|---------------------------------------|---------|------------|--|
| Acetone (CAS 67-64-1)                 | PEL     | 2400 mg/m3 |  |
|                                       |         | 1000 ppm   |  |
| Ethylbenzene (CAS<br>100-41-4)        | PEL     | 435 mg/m3  |  |
| ,                                     |         | 100 ppm    |  |
| Isobutyl Acetate (CAS<br>110-19-0)    | PEL     | 700 mg/m3  |  |
| ,                                     |         | 150 ppm    |  |
| N-Butyl Acetate (CAS<br>123-86-4)     | PEL     | 710 mg/m3  |  |
| ,                                     |         | 150 ppm    |  |
| Xylene (CAS 1330-20-7)                | PEL     | 435 mg/m3  |  |
|                                       |         | 100 ppm    |  |
| US. OSHA Table Z-2 (29 CFR 1910.1000) |         | • •        |  |
| Components                            | Туре    | Value      |  |
| Toluene (CAS 108-88-3)                | Ceiling | 300 ppm    |  |
| ,                                     | TWA     | 200 ppm    |  |
| US. ACGIH Threshold Limit Values      |         |            |  |
| Components                            | Туре    | Value      |  |
| Acetone (CAS 67-64-1)                 | STEL    | 750 ppm    |  |
| ,                                     | TWA     | 500 ppm    |  |
| Ethylbenzene (CAS<br>100-41-4)        | TWA     | 20 ppm     |  |
| Isobutyl Acetate (CAS<br>110-19-0)    | TWA     | 150 ppm    |  |
| N-Butyl Acetate (CAS                  | STEL    | 200 ppm    |  |
| 123-86-4)                             |         |            |  |
|                                       | TWA     | 150 ppm    |  |

## **US. ACGIH Threshold Limit Values Components**

| Toluene (CAS 108-88-3)             | TWA           | 20 ppm    |  |
|------------------------------------|---------------|-----------|--|
| Xylene (ČAS 1330-20-7)             | STEL          | 150 ppm   |  |
|                                    | TWA           | 100 ppm   |  |
| US. NIOSH: Pocket Guide to Che     | mical Hazards |           |  |
| Components                         | Туре          | Value     |  |
| Acetone (CAS 67-64-1)              | TWA           | 590 mg/m3 |  |
|                                    |               | 250 ppm   |  |
| Ethylbenzene (CAS                  | STEL          | 545 mg/m3 |  |
| 100-41-4)                          | OILL          | 343 mg/ma |  |
|                                    | T) A / A      | 125 ppm   |  |
|                                    | TWA           | 435 mg/m3 |  |
|                                    |               | 100 ppm   |  |
| Isobutyl Acetate (CAS<br>110-19-0) | TWA           | 700 mg/m3 |  |
| ,                                  |               | 150 ppm   |  |
| N-Butyl Acetate (CAS<br>123-86-4)  | STEL          | 950 mg/m3 |  |
| ,                                  | T) 4/ 4       | 200 ppm   |  |
|                                    | TWA           | 710 mg/m3 |  |
|                                    |               | 150 ppm   |  |
| Toluene (CAS 108-88-3)             | STEL          | 560 mg/m3 |  |
| ,                                  |               | 150 ppm   |  |
|                                    | TWA           | 375 mg/m3 |  |
|                                    |               | 100 ppm   |  |

# Biological limit values ACGIH Biological Exposure Indices

| Components                     | Value     | Determinant   | Specimen            | Sampling Time |  |
|--------------------------------|-----------|---|---------------------|---------------|--|
| <br>Acetone (CAS 67-64-1)      | 50 mg/l   | Acetone   | Urine               |               |  |
| Ethylbenzene (CAS<br>100-41-4) | 0.15 g/g  | Sum of<br>mandelic acid<br>and<br>phenylglyoxylic<br>acid | Creatinine in 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               | •             |  |
| Xylene (CAS 1330-20-7)         | 1.5 g/g   | Methylhippuric acids                                      | Creatinine in urine | *             |  |

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke. Always observe good personal hygiene measures, such as

washing after handling the material and before eating, drinking, and/or smoking. Routinely

wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

**Appearance** 

Physical state Liquid.

Form Liquid.

Color Colorless

Odor Solvent.

Odor threshold Not available.

PH Not available.

Melting point/freezing point

-145.84 °F (-98.8 °C) estimated 132.89 °F (56.05 °C) estimated

Initial boiling point and boiling

range

102.00 1 (00.00 0) Colimate

Flash point -4.0 °F (-20.0 °C) estimated

Evaporation rate Not available.
Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits
Flammability limit - lower 1.3% estimated

(%)

Flammability limit - upper

12.8% estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 160.38 hPa estimated

Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water)

Not available.

Partition coefficient (n-

octanol/water)

Not available.

Auto-ignition temperature 793.4 °F (423 °C) estimated

Decomposition temperature

Not available.

Viscosity

Not available.

Other information

Density0.83 g/cm3 estimatedFlammability classFlammable IB estimatedPercent volatile97.5 w/w % By Weight<br/>98.17 v/v % By Volume

0.83 estimated

Specific gravity

VOC (Weight %) 4.01 lb/gal (Actual VOC - With Water With Exempts)

6.70 lb/gal (Regulatory VOC - Less Water Less Exempts)479.97 g/L (Actual VOC - With Water With Exempts)803.28 g/L (Regulatory VOC - Less Water Less Exempts)

10. Stability and reactivity

Reactivity

Chemical stability

The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions.

**Possibility of hazardous** Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens.

**Hazardous decomposition** No hazardous decomposition products are known.

products

## 11. Toxicological information

## Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause

drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Causes serious eye irritation. Eye

Expected to be a low ingestion hazard. contact

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Ingestion

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

cause redness and pain.

physical, chemical and toxicological characteristics

Symptoms related to the

Information on toxicological effects

**Acute toxicity** Narcotic effects.

**Species Test Results** Components Acetone (CAS 67-64-1) **Acute Dermal** Rabbit LD50 20000 mg/kg 20 ml/kg Inhalation Rat LC50 76 mg/l, 4 Hours 50.1 mg/l, 8 مريح Oral LD50 Mouse 3000 mg/kg 5340 mg/kg Rabbit Rat 5800 mg/kg

Ethylbenzene (CAS 100-41-4)

Acute

**Dermal** Rabbit

17800 mg/kg LD50

Oral

LD50 Rat 3500 mg/kg

Isobutyl Acetate (CAS 110-19-0)

**Acute** 

Oral

LD50 Rabbit 4.8 g/kg

N-Butyl Acetate (CAS 123-86-4)

**Acute** 

Inhalation

LC50 Wistar rat 160 mg/l, 4 Hours

Oral

LD50 Rat 14000 mg/kg

Toluene (CAS 108-88-3)

**Acute** 

**Dermal** 

LD50 Rabbit 12124 mg/kg

14.1 ml/kg

| Components                   | Components Species Te |                    |
|------------------------------|-----------------------|--------------------|
| Inhalation                   |                       |                    |
| LC50                         | Mouse                 | 5320 ppm, 8 Hours  |
|                              |                       | 400 ppm, 24 Hours  |
|                              | Rat                   | 26700 ppm, 1 Hours |
|                              |                       | 12200 ppm, 2 Hours |
|                              |                       | 8000 ppm, 4 Hours  |
| Oral                         |                       |                    |
| LD50                         | Rat                   | 2.6 g/kg           |
| Xylene (CAS 1330-20-7) Acute |                       |                    |
| Dermal                       |                       |                    |
| LD50                         | Rabbit                | > 43 g/kg          |
| Inhalation                   |                       |                    |
| LC50                         | Mouse                 | 3907 mg/l, 6 Hours |
|                              | Rat                   | 6350 mg/l, 4 Hours |
| Oral                         |                       |                    |
| LD50                         | Mouse                 | 1590 mg/kg         |
|                              | Rat                   | 3523 - 8600 mg/kg  |

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Causes skin irritation. Skin corrosion/irritation

Serious eye damage/eye

Causes serious eye irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans. Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in

laboratory animals. Suspected of damaging the unborn child.

Specific target organ toxicity -

May cause drowsiness and dizziness.

single exposure

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

**Chronic effects** Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components                  |      | Species   | Test Results                 |  |
|-----------------------------|------|---|------------------------------|--|
| Acetone (CAS 67-64-1        | )    |   |                              |  |
| <b>Aquatic</b><br>Crustacea | EC50 | Water flea (Daphnia magna)                          | 10294 - 17704 mg/l, 48 hours |  |
| Fish                        | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours   |  |

| Components<br>Aquatic               |        | Species  | Test Results                 |
|-------------------------------------|--------|--|------------------------------|
| Crustacea                           | EC50   | Water flea (Daphnia magna)                       | 1.37 - 4.4 mg/l, 48 hours    |
| Fish                                | LC50   | Fathead minnow (Pimephales prom                  | elas) 7.5-11 mg/l, 96 hours  |
| N-Butyl Acetate (CAS 123<br>Aquatic | -86-4) |  |                              |
| Fish                                | LC50   | Fathead minnow (Pimephales prom                  | elas) 17-19 mg/l, 96 hours   |
| Toluene (CAS 108-88-3)<br>Aquatic   |        |  |                              |
| Crustacea                           | EC50   | Water flea (Daphnia magna)                       | 5.46 - 9.83 mg/l, 48 hours   |
| Fish                                | LC50   | Coho salmon,silver salmon (Oncorhynchus kisutch) | 8.11 mg/l, 96 hours          |
| Xylene (CAS 1330-20-7)  Aquatic     |        |  |                              |
| Fish                                | LC50   | Bluegill (Lepomis macrochirus)                   | 7.711 - 9.591 mg/l, 96 hours |

| Partition coefficient n-octanol / water (log Kow) |
|---|
|---|

| Acetone          | -0.24                       |
|------------------|-----------------------------|
| Ethylbenzene     | 3.15                        |
| Isobutyl Acetate | 1.78                        |
| N-Butyl Acetate  | 1.78                        |
| Toluene          | 2.73                        |
| Xylene           | 3.12-3.2                    |
|                  | Ethylbenzene (CAS 100-41-4) |

<sup>\*</sup> 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

| Disposal instructions     | Mobility in soil                    | No data available.  |
|---------------------------|-------------------------------------|---|
|                           | Other adverse effects               | No other adverse environmental effects (e.g. ozone depletion, |
|                           | photochemical ozone creation        |   |
|                           | potential, endocrine disruption, gl | obal warming potential) are expected from this component.     |
| Lead dispessi regulations |                                     |   |

Local disposal regulations

Hazardous waste code

## 13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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

Waste from residues / unused products

local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

Contaminated packaging

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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).

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

DOT

UN number UN1263

UN proper shipping name Paint related material including paint thinning, drying, removing, or reducing compound

Transport hazard class(es)

Class 3
Subsidiary risk Label(s) 3
Packing group

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

149, B52, IB2, T4, TP1, TP8, TP28 **Special provisions** 

150 Packaging exceptions 173 Packaging non bulk 242 Packaging bulk IATA

UN1263

Paint related material (including paint thinning or reducing compounds)

**UN** number

**UN proper shipping name** 3 Transport hazard class(es) Class Ш No. Subsidiary risk Packing group 3L

**Environmental hazards** 

Special precautions for user Read safety instructions, SDS and emergency procedures before

**ERG Code** Other information

Passenger and cargo

aircraft

Allowed,

Allowed. Cargo aircraft only

**IMDG** 

**UN** number UN1263

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid

lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

Transport hazard class(es)

Class 3 Subsidiary risk Ш

Packing group

**Environmental hazards** 

Marine pollutant No. **EmS** F-E, S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code

#### 15. Regulatory information

DOT





**US** federal regulations

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

All components are on the U.S. EPA TSCA Inventory List.

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D)
                               Not regulated.
                                CERCLA Hazardous Substance List (40 CFR 302.4)
                                Acetone (CAS 67-64-1)
                                                                                     Listed
                                Ethylbenzene (CAS 100-41-4)
                                                                                     Listed
                                Isobutyl Acetate (CAS 110-19-0)
                                                                                     Listed
                                N-Butyl Acetate (CAS 123-86-4)
                                                                                     Listed
                                Toluene (CAS 108-88-3)
                                                                                     Listed
                                Xylene (CAS 1330-20-7)
                                                                                     Listed
    SARA 304 Emergency release notification
    OSH A Specifically Regulated Substances (29 CFR 1910.1001-1050)
Superfund Amendments and Reauthorization Act of 1986 (SARA)
                                Immediate Hazard - Yes
                                 Delayed Hazard - Yes
                                 Fire Hazard - Yes
                                 Pressure Hazard - No
                                 Reactivity Hazard - No
    SARA 302 Extremely hazardous substance
    SARA 311/312 Hazardous
                                No
    SARA 313 (TRI reporting)
        Chemical name
                                                            CAS number
                                                                               %bywt.
                                                                               10 - < 20
                                                             108-88-3
                                                                               0 - < 5
                                                            100-41-4
                                                             1330-20-7
                                                                               0 - < 5
Other federal regulations
    Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
        Ethylbenzene (CAS 100-41-4)
        Toluene (CAS 108-88-3)
        Xylene (CAS 1330-20-7)
    Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
    Safe Drinking Water Act Not regulated.
        Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and
        Chemical Code Number
            Acetone (CAS 67-64-1)
                                                            6532
            Toluene (CAS 108-88-3)
                                                            6594
        Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical 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 Number
            Acetone (CAS 67-64-1)
                                                            6532
            Toluene (CAS 108-88-3)
                                                            594
    US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
    US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.
        Acetone (CAS 67-64-1)
        Ethylbenzene (CAS 100-41-4)
        Toluene (CAS 108-88-3)
        V M & P Naphtha (CAS 64742-89-8)
        Xylene (CAS 1330-20-7)
```

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

Not regulated.

Not listed.

Hazard categories

Not listed.

Toluene

**Xylene** 

Ethylbenzene

Not regulated.

(SDWA)

**US** state regulations

(a))

Not listed.

**US. Massachusetts RTK - Substance List** 

Acetone (CAS 67-64-1)

chemical

Ethylbenzene (CAS 100-41-4) Isobutyl Acetate (CAS 110-19-0) N-Butyl Acetate (CAS 123-86-4) Toluene (CAS 108-88-3)

Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

Xylene (CAS 1330-20-7)

## US. New Jersey Worker and Community Right-to-Know Act

Acetone (CAS 67-64-1) Ethylbenzene (CAS 100-41-4) Isobutyl Acetate (CAS 110-19-0) N-Butyl Acetate (CAS 123-86-4) Toluene (CAS 108-88-3)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Acetone (CAS 67-64-1)
Ethylbenzene (CAS 100-41-4)
Isobutyl Acetate (CAS 110-19-0)
N-Butyl Acetate (CAS 123-86-4)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

#### US. Rhode Island RTK Acetone (CAS 67-64-1)

Ethylbenzene (CAS 100-41-4) Isobutyl Acetate (CAS 110-19-0) N-Butyl Acetate (CAS 123-86-4) Toluene (CAS 108-88-3) Xylene (CAS 1330-20-7)

#### **US. California Proposition 65**

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

#### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance Ethylbenzene (CAS 100-41-4)

Listed: June 11, 2004

On inventory (yes/no)\*

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

Inventory name

Toluene (CAS 108-88-3) Listed: January 1,1991

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

August 7, 2009

## International Inventories

| Australia                   | Australian Inventory of Chemical Substances (AICS)   | Yes       |
|-----------------------------|--|-----------|
| Canada                      | Domestic Substances List (DSL)   | Yes       |
| Canada<br>China             | Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances in China (IECSC) | No<br>Yes |
| Europe                      | European Inventory of Existing Commercial Chemical 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)  | Yes       |
| New Zealand                 | New Zealand Inventory  | Yes       |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)                              | Yes       |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory  | Yes       |

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

**Issue date** 07-09-2015 01

Version #

#### Disclaimer

Our Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.