

# SAFETY DATA SHEET

## 1. Identification

Product identifier Premium Euro Activator Slow

Other means of identification

Product code IMP 6985

Recommended use Activator

Recommended restrictions None known.

## Manufacturer/Importer/Supplier/Distributor information

Company name REFINISH DISTRIBUTORS ALLIANCE, INC.

Address

P.O. BOX 10431

JACKSON, TN 38308

**Telephone** 

731-394-9366

Website

www.rda-impact.com

# **Emergency phone number**

# 2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 3Health hazardsAcute toxicity, oralCategory 4

Acute toxicity, inhalation

Category 3

Serious eye damage/eye irritation

Category 2B

Sensitization, respiratory

Category 1

Sensitization, skin

Category 1

Germ cell mutagenicity Category 1B Carcinogenicity Category 1B

Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Harmful if swallowed. May cause an allergic skin reaction. Causes

eye irritation. Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep 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. Avoid breathing 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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

SDS US

If swallowed: Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off Response

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. Call a poison center/doctor. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eve irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center/doctor. Wash contaminated clothing before reuse. In case of fire: Use appropriate

media to extinguish.

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

Keep cool. Store locked up.

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

Hazard(s) not otherwise classified (HNOC) Supplemental information None known.

54.41% of the mixture consists of component(s) of unknown acute oral toxicity. 27.81% of the

mixture consists of component(s) of unknown acute inhalation toxicity.

# 3. Composition/information on ingredients

#### **Mixtures**

| Chemical name                                 | Common name and synonyms | CAS number | %         |
|-----------------------------------------------|--------------------------|------------|-----------|
| Methyl n-Amyl Ketone                          |                          | 110-43-0   | 30 - < 50 |
| Hexamethylene Diisocyanate                    |                          | 28182-81-2 | 10 - < 30 |
| Solvent Naphtha, petroleum, light aromatic    |                          | 64742-95-6 | 5 - < 10  |
| 1, 6-Hexamethylene Diisocyanate<br>Regulatory |                          | 822-06-0   | 0< 5      |
| Ethylbenzene                                  |                          | 100-41-4   | 0< 5      |
| Isophorone Diisocyanate<br>Regulatory         |                          | 4098-71-9  | 0< 5      |
| N-Butyl Acetate                               |                          | 123-86-4   | 0 - < 5   |
| Trimetyl Benzene                              |                          | 95-63-6    | 0< 5      |
| Other components below reportable lev         | vels                     |            | 20 - < 30 |

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

## 4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or

artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other

proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Remove contaminated clothing immediately and wash skin with soap and water. In case of Skin contact eczema or other skin disorders: Seek medical attention and take along these instructions.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Ingestion

Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed

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 warm. Keep victim under

observation. Symptoms may be delayed.

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical General information

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. Dry chemical powder. Carbon dioxide (CO2). Unsuitable extinguishing media

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

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

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

Fire fighting equipment/instructions

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

Specific methods
General fire hazards

Use standard firefighting procedures and consider the hazards of other involved materials.

Flammable liquid and vapor.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures 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. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

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. 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. Avoid discharge into drains, water courses or onto the ground.

# **Environmental precautions**

# 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. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. 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

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

| Components                             | Type ` | ,<br>Value |  |
|----------------------------------------|--------|------------|--|
| Ethylbenzene (CAS 100-41-4)            | PEL    | 435 mg/m3  |  |
| ,                                      |        | 100 ppm    |  |
| Methyl n-Amyl Ketone (CAS<br>110-43-0) | PEL    | 465 mg/m3  |  |
| ,                                      |        | 100 ppm    |  |
| N-Butyl Acetate (CAS<br>123-86-4)      | PEL    | 710 mg/m3  |  |
| ,                                      |        | 150 ppm    |  |

| Components                                | Туре                | Value                           |
|-------------------------------------------|---------------------|---------------------------------|
| 1, 6-Hexamethylene                        | TWA                 | 0.005 ppm                       |
| Diisocyanate Regulatory                   |                     |                                 |
| (CAS 822-06-0)                            |                     |                                 |
| Ethylbenzene (CAS<br>100-41-4)            | TWA                 | 20 ppm                          |
| Isophorone Diisocyanate                   | TWA                 | 0.005 ppm                       |
| Regulatory (CAS                           | IWA                 | 0.000 ррш                       |
| 4098-71-9)                                |                     |                                 |
| Methyl n-Ámyl Ketone (CAS                 | TWA                 | 50 ppm                          |
| 110-43-0)                                 |                     |                                 |
| N-Butyl Acetate (CAS                      | STEL                | 200 ppm                         |
| 123-86-4)                                 | T) 0 / 0            | 450                             |
| Trime at al Danmana (CAC                  | TWA                 | 150 ppm                         |
| Trimetyl Benzene (CAS<br>95-63-6)         | TWA                 | 25 ppm                          |
| US. NIOSH: Pocket Guide to Chem           | ical Hazarda        |                                 |
| Components                                | Type                | Value                           |
| •                                         |                     |                                 |
| 1, 6-Hexamethylene                        | Ceiling             | 0.14 mg/m3                      |
| Diisocyanate Regulatory<br>(CAS 822-06-0) |                     |                                 |
| (0.10 022 00 0)                           |                     | 0.02 ppm                        |
|                                           | TWA                 | 0.035 mg/m3                     |
|                                           |                     | 0.005 ppm                       |
| Ethylbenzene (CAS                         | STEL                | 545 mg/m3                       |
| 100-41-4)                                 | SILL                | 343 mg/m3                       |
| ,                                         |                     | 125 ppm                         |
|                                           | TWA                 | 435 mg/m3                       |
|                                           |                     | 100 ppm                         |
| Isophorone Diisocyanate                   | STEL                | 0.18 mg/m3                      |
| Regulatory (CAS                           |                     | 5.1.5 mg,                       |
| 4098-71-9) `                              |                     |                                 |
|                                           |                     | 0.02 ppm                        |
|                                           | TWA                 | 0.045 mg/m3                     |
|                                           |                     | 0.005 ppm                       |
| Methyl n-Amyl Ketone (CAS                 | TWA                 | 465 mg/m3                       |
| 110-43-0)                                 |                     |                                 |
|                                           |                     | 100 ppm                         |
| N-Butyl Acetate (CAS                      | STEL                | 950 mg/m3                       |
| 123-86-4)                                 |                     | 200 ppm                         |
|                                           | TWA                 | 710 mg/m3                       |
|                                           | IVVA                | 150 ppm                         |
| Trimetyl Benzene (CAS                     | TWA                 | 125 mg/m3                       |
| 95-63-6)                                  | IVVA                | 125 Hg/H5                       |
|                                           |                     | 25 ppm                          |
| ogical limit values                       |                     | ••                              |
| ACGIH Biological Exposure Indice          | 2                   |                                 |
| Components Value                          | Determinant         | Specimen Sampling Time          |
| Ethylbenzene (CAS 0.15 g/g                | Sum of              | Creatinine in *                 |
| 100-41-4)                                 | mandelic aci        |                                 |
| ,                                         | and                 |                                 |
|                                           | phenylglyoxy        | lic                             |
|                                           | acid                |                                 |
| * - For sampling details, please see th   | ne source document. |                                 |
| osure guidelines                          |                     |                                 |
| US - California OELs: Skin designa        | tion                |                                 |
|                                           |                     | n be absorbed through the skin. |

Skin designation applies.

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

# US - Tennessee OELs: Skin designation

Isophorone Diisocyanate Regulatory (CAS 4098-71-9) Can be absorbed through the skin.

## US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Isophorone Diisocyanate Regulatory (CAS 4098-71-9) Can be absorbed through the skin.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove

supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**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. Keep away from food and drink. 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.

Contaminated work clothing should not be allowed out of the workplace.

# 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 -31.9 °F (-35.5 °C) estimated Initial boiling point and boiling 304.7 °F (151.5 °C) estimated

range

Flash point 102.0 °F (38.9 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

1.1 % estimated

(%)

Flammability limit - upper

7.9 % estimated

(%)

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 5.15 hPa estimated

Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 740 °F (393.33 °C) estimated

**Decomposition temperature** Not available. **Viscosity** Not available.

Other information

Density0.83 g/cm3 estimatedFlammability classCombustible II estimatedPercent volatile52 w/w % By Weight

57.3 v/v % By Volume

Specific gravity 0.83 estimated

VOC (Weight %) 4.11 lb/gal (Actual VOC - With Water With Exempts)

4.11 lb/gal (Regulatory VOC - Less Water Less Exempts)492.74 g/L (Actual VOC - With Water With Exempts)492.74 g/L (Regulatory VOC - Less Water Less Exempts)

## 10. Stability and reactivity

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

Chemical stability Material is stable under normal conditions.

Possibility of hazardous 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.

**Hazardous decomposition** 

products

No hazardous decomposition products are known.

## 11. Toxicological information

# Information on likely routes of exposure

Inhalation Toxic if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause

allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin contact** May cause an allergic skin reaction.

**Eye contact**Causes eye irritation. **Ingestion**Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

## Information on toxicological effects

Acute toxicity Toxic if inhaled. Harmful if swallowed. Narcotic effects. May cause an allergic skin reaction.

Components Species Test Results

| 1  | 6-Hexamethylene | Diisocvanata | Regulatory | (CAS 822-06-0) |
|----|-----------------|--------------|------------|----------------|
| Ι. | 0-nexamemorene  | Diisocvanate | Reduiatory | 10A3 0ZZ-00-01 |

<u>Acute</u> Dermal

LD50 Rabbit 593 mg/kg

Inhalation

LC50 Mouse 0.03 mg/l, 2 Hours

Rat 40 mg/l, 1 Hours 22 mg/l, 4 Hours

0.385 mg/l, 6 Hours

Oral

LD50 Cat 1100 mg/kg

Mouse 1980 mg/kg
Rat 960 mg/kg

Ethylbenzene (CAS 100-41-4)

Acute Dermal

LD50 Rabbit

17800 mg/kg

 Components
 Species
 Test Results

 Oral
 LD50
 Rat
 3500 mg/kg

 Isophorone Diisocyanate Regulatory (CAS 4098-71-9)
 3500 mg/kg

Acute Dermal

LD50 Rat 1060 mg/kg

Inhalation

LC50 Rat 0.123 mg/l, 4 Hours

0.033 mg/l

Oral

LD50 Mouse > 2500 mg/kg

Rat > 1000 mg/kg

Methyl n-Amyl Ketone (CAS 110-43-0)

Acute Dermal

LD50 Rabbit 12600 mg/kg

Oral

LD50 Mouse 730 mg/kg

Rat 1.67 g/kg

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

<u>Acute</u>

Inhalation

LC50 Wistar rat 160 mg/l, 4 Hours

Oral

LD50 Rat 14000 mg/kg

Trimetyl Benzene (CAS 95-63-6)

**Acute** 

**Dermal** 

LD50 Rabbit > 3160 mg/kg

Inhalation

LC50 Rat > 2000 ppm, 48 Hours

Oral

LD50 Rat 6 g/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

irritation

Causes eye irritation.

Respiratory or skin sensitization

**Respiratory sensitization** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin sensitization** May cause an allergic skin reaction.

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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**Reproductive toxicity**This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - May cause drowsiness and dizziness.

single exposure

SDS US

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

Specific target organ toxicity -

repeated exposure

Not classified.

**Aspiration hazard** 

Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

# 12. Ecological information

**Ecotoxicity** 

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components           |                | Species                              | Test Results               |
|----------------------|----------------|--------------------------------------|----------------------------|
| Ethylbenzene (CAS 10 | 00-41-4)       |                                      |                            |
| Aquatic              |                |                                      |                            |
| Crustacea            | EC50           | Water flea (Daphnia magna)           | 1.37 - 4.4 mg/l, 48 hours  |
| Fish                 | LC50           | Fathead minnow (Pimephales promelas) | 7.5 - 11 mg/l, 96 hours    |
| Methyl n-Amyl Ketone | (CAS 110-43-0) |                                      |                            |
| Aquatic              |                |                                      |                            |
| Fish                 | LC50           | Fathead minnow (Pimephales promelas) | 126 - 137 mg/l, 96 hours   |
| N-Butyl Acetate (CAS | 123-86-4)      |                                      |                            |
| Aquatic              |                |                                      |                            |
| Fish                 | LC50           | Fathead minnow (Pimephales promelas) | 17 - 19 mg/l, 96 hours     |
| Trimetyl Benzene (CA | S 95-63-6)     |                                      |                            |
| Aquatic              |                |                                      |                            |
| Fish                 | LC50           | Fathead minnow (Pimephales promelas) | 7.19 - 8.28 mg/l, 96 hours |
|                      |                |                                      |                            |

<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

Partition coefficient n-octanol / water (log Kow)

Ethylbenzene 3.15 Methyl n-Amyl Ketone 1.98 N-Butyl Acetate 1.78

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

# 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of

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

Dispose in accordance with all applicable regulations. Local disposal regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

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** 

Transport hazard class(es)

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

3 Class Subsidiary risk 3 Label(s)

П 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 Packaging non bulk 173 242 Packaging bulk

IATA

UN1263 **UN** number

Paint related material (including paint thinning or reducing compounds) **UN** proper shipping name

Transport hazard class(es)

3 Class Subsidiary risk Packing group Ш **Environmental hazards** No. **ERG Code** 3L

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

Other information

Passenger and cargo Allowed.

aircraft

Cargo aircraft only Allowed.

**IMDG** 

**UN** number UN1263

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

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.

Not established. Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

DOT



IATA; IMDG



# 15. Regulatory information

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.

Listed.

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

Not regulated.

#### **CERCLA Hazardous Substance List (40 CFR 302.4)**

1, 6-Hexamethylene Diisocyanate Regulatory (CAS

822-06-0)

Ethylbenzene (CAS 100-41-4) Listed.
N-Butyl Acetate (CAS 123-86-4) Listed.

# SARA 304 Emergency release notification

Isophorone Diisocyanate Regulatory (CAS 4098-71-9) 500 LBS

# OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold<br>planning quantity,<br>lower value | Threshold planning quantity, upper value |  |
|---------------|------------|---------------------|-----------------------------|------------------------------------------------|------------------------------------------|--|
| Isophorone    | 4098-71-9  | 500                 | 500 lbs                     |                                                |                                          |  |

Diisocyanate Regulatory

SARA 311/312 Hazardous No

chemical

## SARA 313 (TRI reporting)

| Chemical name                              | CAS number | % by wt. |  |
|--------------------------------------------|------------|----------|--|
| 1, 6-Hexamethylene Diisocyanate Regulatory | 822-06-0   | 0< 5     |  |
| Ethylbenzene                               | 100-41-4   | 0< 5     |  |
| Isophorone Diisocyanate Regulatory         | 4098-71-9  | 0< 5     |  |
| Trimetyl Benzene                           | 95-63-6    | 0< 5     |  |

## Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

1, 6-Hexamethylene Diisocyanate Regulatory (CAS 822-06-0)

Ethylbenzene (CAS 100-41-4)

## Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not

Not regulated.

(SDWA)

## **US state regulations**

## US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

# US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

1, 6-Hexamethylene Diisocyanate Regulatory (CAS 822-06-0)

Ethylbenzene (CAS 100-41-4)

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

Solvent Naphtha, petroleum, light aromatic (CAS 64742-95-6)

Trimetyl Benzene (CAS 95-63-6)

# US. Massachusetts RTK - Substance List

1, 6-Hexamethylene Diisocyanate Regulatory (CAS 822-06-0)

Ethylbenzene (CAS 100-41-4)

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

Methyl n-Amyl Ketone (CAS 110-43-0)

N-Butyl Acetate (CAS 123-86-4) Trimetyl Benzene (CAS 95-63-6)

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

1, 6-Hexamethylene Diisocyanate Regulatory (CAS 822-06-0)

Ethylbenzene (CAS 100-41-4)

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

Methyl n-Amyl Ketone (CAS 110-43-0) N-Butyl Acetate (CAS 123-86-4) Trimetyl Benzene (CAS 95-63-6)

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

Ethylbenzene (CAS 100-41-4)

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

Methyl n-Amyl Ketone (CAS 110-43-0) N-Butyl Acetate (CAS 123-86-4) Trimetyl Benzene (CAS 95-63-6)

## **US. Rhode Island RTK**

1, 6-Hexamethylene Diisocyanate Regulatory (CAS 822-06-0)

Ethylbenzene (CAS 100-41-4)

Isophorone Diisocyanate Regulatory (CAS 4098-71-9)

N-Butyl Acetate (CAS 123-86-4) Trimetyl Benzene (CAS 95-63-6)

## **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

# US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004

#### **International Inventories**

| Country(s) or region | Inventory name                                                         | On inventory (yes/no)* |
|----------------------|------------------------------------------------------------------------|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)                                         | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | 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                    |
|                      |                                                                        |                        |

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Toxic Substances Control Act (TSCA) Inventory

# 16. Other information

Version 2.1

Revision Date 08/22/2016

United States & Puerto Rico

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 is 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.

Yes

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).