SAFETY DATA SHEET

1. Identification
Product identifier: PRE CLEANER NR AEROSOL

Other means of identification:

Product code: PCS

Recommended use: Pre Clean

Recommended restrictions: No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information:
Manufacturer:

- Company name: Liberty Bell Equipment Corp
- Address: 810 N. Jefferson Ave. St. Louis, MO 63106
- EMERGENCY PHONE 24 Hrs.: ChemTrec 800-424-9300
- United States
- Telephone: (888) 646-1400
- Website: www.axiscoatings.com

2. Hazard(s) identification

Physical hazards:
- Specific target organ toxicity, repeated exposure: Category 2

Health hazards:
- Aspiration hazard: Category 1

Environmental hazards:
- Not classified.

OSHA defined hazards:
- Not classified.

Label elements:

Signal word: Danger

Hazard statement:
Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement:

Prevention:
- 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. Do not breathe gas. Use only outdoors or in a well-ventilated area.

Response:
- If swallowed: Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Do NOT induce vomiting.

Storage:
- Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Hazard(s) not otherwise classified (HNOC):
- None known.

3. Composition/information on ingredients

Mixtures:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Naphtha (Petroleum), Light Aliphatic</td>
<td></td>
<td>64742-89-8</td>
<td>60 - 80</td>
</tr>
<tr>
<td>Isobutane</td>
<td></td>
<td>75-28-5</td>
<td>2.5 - 10</td>
</tr>
</tbody>
</table>

SDS US 1 / 10
### Chemical name

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td></td>
<td>67-63-0</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Propane</td>
<td></td>
<td>74-98-6</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Xylene</td>
<td></td>
<td>1330-20-7</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td></td>
<td>100-41-4</td>
<td>1 - 2.5</td>
</tr>
</tbody>
</table>

Other components below reportable levels: 0.01 - 0.1

*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. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

#### Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

#### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed:

- Aspiration may cause pulmonary edema and pneumonitis. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed:

- Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information:

- 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.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Not available.

#### Unsuitable extinguishing media

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

#### Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

#### Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### Fire-fighting equipment/instructions

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

#### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

#### General fire hazards

Extremely flammable aerosol.

### 6. Accidental release measures

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

- Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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.

- Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

#### Methods and materials for containment and cleaning up

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

#### Environmental precautions

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

### 7. Handling and storage

#### Precautions for safe handling

- Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. 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

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. 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)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>PEL</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>PEL</td>
<td>980 mg/m³</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>PEL</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td>PEL</td>
<td>435 mg/m³</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>TWA</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>STEL</td>
</tr>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>STEL</td>
</tr>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td>TWA</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>STEL</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
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<td>TWA</td>
</tr>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>STEL</td>
</tr>
</tbody>
</table>

Biological limit values

ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td>0.15 g/g</td>
<td>Sum of mandelic acid and phenylglyoxylic acid</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td>40 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>
### ACGIH Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td>1.5 g/g</td>
<td>Methylhippuric acids</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

### Appropriate engineering controls

- 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.

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

- **Eye/face protection**: If contact is likely, safety glasses with side shields are recommended.
- **Hand protection**: Wear appropriate chemical resistant gloves.
- **Skin protection**: Wear suitable protective clothing. Use of an impervious apron is recommended.
- **Respiratory protection**: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
- **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**: Gas.
- **Form**: Aerosol.
- **Color**: Not available.
- **Odor**: Not available.
- **Odor threshold**: Not available.
- **pH**: Not available.
- **Melting point/freezing point**: Not available.
- **Initial boiling point and boiling range**: Not available.

- **Flash point**: -156.0 °F (-104.4 °C) PROPELLANT estimated
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Not available.

#### Upper/lower flammability or explosive limits

- **Flammability limit - lower (%)**: 2 % estimated
- **Flammability limit - upper (%)**: 12 % estimated
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

#### Vapor pressure

- Not available.

#### Vapor density

- Not available.

#### Relative density

- Not available.

#### Solubility(ies)

- **Solubility (water)**: Not available.

#### Partition coefficient (n-octanol/water)

- Not available.

#### Auto-ignition temperature

- Not available.

#### Decomposition temperature

- Not available.
Viscosity
Other information
Specific gravity

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 reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong acids, Acids, Strong oxidizing agents, Nitrates, Halogens, Isocyanates, Fluorine, Chlorine.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information
Information on likely routes of exposure

Ingestion
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Inhalation
May be harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact
No adverse effects due to skin contact are expected.

Eye contact
Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Aspiration may cause pulmonary edema and pneumonitis.

Information on toxicological effects

Acute toxicity
May be fatal if swallowed and enters airways. May be harmful if swallowed.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>17.8 ml/kg, 24 Hours</td>
</tr>
<tr>
<td>Mouse</td>
<td>&gt; 8000 ppm, 20 Minutes</td>
</tr>
<tr>
<td>Rat</td>
<td>4000 ppm</td>
</tr>
<tr>
<td>Rabbit</td>
<td>&gt; 10000 ppm, 6 Hours</td>
</tr>
<tr>
<td>Rat</td>
<td>17.81 mm/kg</td>
</tr>
<tr>
<td>Rabbit</td>
<td>16.4 ml/kg, 24 Hours</td>
</tr>
<tr>
<td>Rat</td>
<td>&gt; 10000 ppm, 6 Hours</td>
</tr>
<tr>
<td>Rat</td>
<td>5.84 g/kg</td>
</tr>
</tbody>
</table>

Ethyl Benzene (CAS 100-41-4)

Acute
Dermal
LD50 Rabbit 17.8 ml/kg, 24 Hours

Inhalation
LC50 Mouse 4000 ppm

Oral
LD50 Rat 3500 mg/kg

Isopropyl Alcohol (CAS 67-63-0)

Acute
Dermal
LD50 Rabbit 16.4 ml/kg, 24 Hours

Inhalation
LC50 Rat > 10000 ppm, 6 Hours
Components

Propane (CAS 74-98-6)

**Acute**

*Inhalation*

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>1237 mg/l, 120 Minutes</td>
</tr>
<tr>
<td>Rat</td>
<td>52 %, 120 Minutes</td>
</tr>
<tr>
<td></td>
<td>1355 mg/l</td>
</tr>
<tr>
<td></td>
<td>658 mg/l/4h</td>
</tr>
</tbody>
</table>

Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)

**Acute**

*Dermal*

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 1900 mg/kg, 24 Hours</td>
</tr>
</tbody>
</table>

*Inhalation*

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt; 5020 mg/m3, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>&gt; 4980 mg/m3</td>
</tr>
<tr>
<td></td>
<td>&gt; 4980 mg/m3, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>&gt; 4.96 mg/l, 4 Hours</td>
</tr>
</tbody>
</table>

**Oral**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>4820 mg/kg</td>
</tr>
</tbody>
</table>

Xylene (CAS 1330-20-7)

**Acute**

*Dermal*

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 5000 ml/kg, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>12126 mg/kg, 24 Hours</td>
</tr>
</tbody>
</table>

*Inhalation*

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>5922 ppm, 4 Hours</td>
</tr>
</tbody>
</table>

**Oral**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>5251 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td>3523 mg/kg</td>
</tr>
<tr>
<td></td>
<td>10 ml/kg</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**

Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**

Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization**

Not available.

**Skin sensitization**

This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**

No data available to indicate product or any components present at greater than 0.1 % are mutagenic or genotoxic.

**Carcinogenicity**

IARC Monographs. Overall Evaluation of Carcinogenicity

- Ethyl Benzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.
- Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.


Not listed.

**Reproductive toxicity**

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard  May be fatal if swallowed and enters airways.

Chronic effects  Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.

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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene (CAS 100-41-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>Algae</td>
<td>IC50  4.6 mg/L, 72 Hours</td>
</tr>
<tr>
<td>Crustacea</td>
<td>Daphnia</td>
<td>EC50  2.1 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>Water flea (Daphnia magna)</td>
<td>1.37 - 4.4 mg/L, 48 hours</td>
</tr>
<tr>
<td>Isopropyl Alcohol (CAS 67-63-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>Algae</td>
<td>IC50  1000.0001 mg/L, 72 Hours</td>
</tr>
<tr>
<td>Crustacea</td>
<td>Daphnia</td>
<td>EC50  13299 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Fish</td>
<td>Bluegill (Lepomis macrochirus)</td>
<td>&gt; 1400 mg/L, 96 hours</td>
</tr>
<tr>
<td>Xylene (CAS 1330-20-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>Bluegill</td>
<td>LC50  7.711 - 9.591 mg/L, 96 hours</td>
</tr>
</tbody>
</table>

* 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  No data available.

Partition coefficient n-octanol / water (log Kow)

<table>
<thead>
<tr>
<th>Component</th>
<th>log Kow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Benzene</td>
<td>3.15</td>
</tr>
<tr>
<td>Isobutane</td>
<td>2.76</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>0.05</td>
</tr>
<tr>
<td>Propane</td>
<td>2.36</td>
</tr>
<tr>
<td>Xylene</td>
<td>3.12 - 3.2</td>
</tr>
</tbody>
</table>

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. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations  Dispose in accordance with all applicable regulations.

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

US RCRA Hazardous Waste U List: Reference  Xylene (CAS 1330-20-7) U239

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).

Contaminated packaging  Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

DOT

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Aerosols, flammable, (each not exceeding 1 L capacity)</td>
</tr>
</tbody>
</table>
Transport hazard class(es)

Class: 2.1
Subsidiary risk: 2.1
Label(s): 2.1

Packing group: Not applicable.

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

Special provisions: N82
Packaging exceptions: 306
Packaging non bulk: None
Packaging bulk: None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number: UN1950
UN proper shipping name: Aerosols, flammable

Transport hazard class(es)

Class: 2.1
Subsidiary risk: 2.1
Label(s): 2.1

Packing group: Not applicable.

Environmental hazards: No.
ERG Code: 10L

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

Other information:

Passenger and cargo aircraft: Allowed.
Cargo aircraft only: Allowed.
Packaging Exceptions: LTD QTY

IMDG

UN number: UN1950
UN proper shipping name: AEROSOLS

Transport hazard class(es)

Class: 2.1
Subsidiary risk: 2.1
Label(s): 2.1

Packing group: Not applicable.

Environmental hazards: No.
Marine pollutant: No.
EmS: F-D, S-U

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions: LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

DOT

![FLAMMABLE GAS]

2
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.

- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
  Not regulated.

- **CERCLA Hazardous Substance List (40 CFR 302.4)**
  - Ethyl Benzene (CAS 100-41-4) Listed.
  - Xylene (CAS 1330-20-7) Listed.

- **SARA 304 Emergency release notification**
  Not regulated.

  Not listed.

- **Superfund Amendments and Reauthorization Act of 1986 (SARA)**
  - **Hazard categories**
    - Immediate Hazard - Yes
    - Delayed Hazard - Yes
    - Fire Hazard - Yes
    - Pressure Hazard - Yes
    - Reactivity Hazard - No
  - **SARA 302 Extremely hazardous substance**
    Not listed.
  - **SARA 311/312 Hazardous chemical**
    No
  - **SARA 313 (TRI reporting)**
    | Chemical name | CAS number | % by wt. |
    |---------------|------------|----------|
    | Xylene       | 1330-20-7  | 2.5 - 10 |
    | Ethyl Benzene| 100-41-4   | 1 - 2.5  |

- **Other federal regulations**
  - **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
    - Ethyl Benzene (CAS 100-41-4)
    - Xylene (CAS 1330-20-7)
  - **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
    - Isobutane (CAS 75-28-5)
    - Propane (CAS 74-98-6)
  - **Safe Drinking Water Act (SDWA)**
    Not regulated.

- **US state regulations**
  - **US. Massachusetts RTK - Substance List**
    - Ethyl Benzene (CAS 100-41-4)
    - Isobutane (CAS 75-28-5)
    - Isopropyl Alcohol (CAS 67-63-0)
    - Propane (CAS 74-98-6)
    - Xylene (CAS 1330-20-7)
  - **US. New Jersey Worker and Community Right-to-Know Act**
    - Ethyl Benzene (CAS 100-41-4)
    - Isobutane (CAS 75-28-5)
    - Isopropyl Alcohol (CAS 67-63-0)
Propane (CAS 74-98-6)
Xylene (CAS 1330-20-7)

US. Pennsylvania Worker and Community Right-to-Know Law
Ethyl Benzene (CAS 100-41-4)
Isobutane (CAS 75-28-5)
Isopropyl Alcohol (CAS 67-63-0)
Propane (CAS 74-98-6)
Xylene (CAS 1330-20-7)

US. Rhode Island RTK
Ethyl Benzene (CAS 100-41-4)
Isobutane (CAS 75-28-5)
Isopropyl Alcohol (CAS 67-63-0)
Propane (CAS 74-98-6)
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
Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

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

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AiCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* 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

Version 2.1
Revision Date 08/22/2016

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.