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SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

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- 1.1 Product Identifier**  
Product Name **JEECIDE IPBC 100%**
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
Identified uses **Cosmetic raw material**
- 1.3 Details of the Supplier of the Safety Data Sheet**  
Company **JEEN International Corporation**  
24 Madison Road  
Fairfield, New Jersey 07004  
Tel: +1-973-439-1401  
Fax: +1-973-439-1402  
email: [info@jeen.com](mailto:info@jeen.com)  
Website: [www.jeen.com](http://www.jeen.com)
- 1.4 Emergency telephone number** +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

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SECTION 2 – HAZARDS INGREDIENTS

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- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008  
ACUTE TOXICITY (Oral) – Category 4  
ACUTE TOXICITY (Inhalation) – Category 4  
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1

- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008  
Hazard pictogram



GHS09

GHS07

Signal Words

Danger

Hazard Statements

Harmful if swallowed or if inhaled

Causes serious eye damage.

Precautionary Statements

Prevention

Wear eye or face protection. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling.

Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. Rinse mouth.

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a POINT CENTER or physician.



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**2.3 Other Hazards** None known

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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**3.1 Substance**  
Chemical characterization  
INCI  
CAS  
EC  
Concentration

Cosmetic ingredients  
Iodopropynyl Butylcarbamate  
55406-53-6  
259-627-5  
98%

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**SECTION 4 – FIRST AID MEASURES**

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**4.1 Description of First Aid Measures**  
In case of contact with eyes  
Wash eyes immediately with large amounts of water for at least 15 minutes. Get medical attention immediately. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

In case of contact with skin  
Remove contaminated clothing. Wash affected areas with soap and water. If irritation or redness develops, get medical attention. Wash clothing before reuse.

In case of swallowing  
Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

In case of inhalation  
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**4.2 Notes to Physician**  
IPBC is crystalline in structure. Flush eyes with water to remove crystals. Probable mucosal damage may contraindicate use of gastric lavage.

**4.3 Most important Symptoms and Effects**  
No information available.

**4.4 Indication of any immediate Medical Attention and special Treatment needed**  
No information available.

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**SECTION 5 – FIRE FIGHTING MEASURES**

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**5.1 Suitable Extinguishing Media**  
Use an extinguishing agent suitable for the surrounding fire.

**5.2 Unsuitable Extinguishing Media**  
None known.

**5.3 Special Hazards arising from the Chemical**  
Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**5.4 Hazardous Thermal Decomposition Products**  
Decomposition products may include the following: carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds.



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- |   |   |
|---|---|
| <b>5.5 Special Protective Actions for Fire-fighters</b>   | Promptly isolated the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken any personal risk without suitable training. |
| <b>5.6 Special Protective Equipment for Fire-fighters</b> | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.             |

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, Protective Equipment and Emergency Procedures**

For non-emergency personnel:

No actions shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary an unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

**6.2 Environmental Precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has cause environmental pollution (sewers, waterways, solid or air). Water polluting material may be harmful to the environment if released in large quantities.

**6.3 Methods and Material for Containment and Cleaning Up**

Small spills:

Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled, waste container. Dispose of via a licensed waste disposal contactor.

Large spills:

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements with equipment fitted with a HELPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contactor. Note: see Section 1 for emergency contact information and Section 14 for waste disposal..

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**SECTION 7 – HANDLING AND STORAGE**

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**7.1 Precautions for Safe Handling**

Put on appropriate personal protective equipment (see section 8).



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not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**7.2 Advice on General Occupational Hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information on hygiene measures.

**7.3 Condition for Safe Storage, including any Incompatibilities**

Store between the following temperatures: 0 to 32°C (32 to 89.6°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**8.1 Appropriate Engineering Controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**8.2 Environmental Exposure Controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**8.3 Individual Protection Measures**  
 Hygiene Measures

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, drinking, or smoothing and using lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the

Eye/face Protection



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Skin Protection  
Hand protection:

assessment indicated a higher degree of protection: chemical goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Body protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other protection:

Respiratory protection:

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1 Information on basic Physical and Chemical Properties**

Appearance	
Physical state:	Solid
Color:	White
Odor	Characteristic
Odor Threshold	Not available
pH	Not available
Boiling Point	Decomposes
Melting Point	65 -68 deg. C (149-154 deg. F)
Flash Point	Not available
Evaporation Rate	<1 (butyl acetate = 1)
Flammability (solid, gas)	Carbon oxides (CO, Co2), iodine vapors
Lower and upper explosive (flammable limits)	Not available
Vapor Pressure	0.00000023 kPa (0.000001755 mg Hg) [room temperature]
Vapor Density	Not available
Relative Density	1.51 – 1.57
Solubility	Partially soluble in the following materials: cold water. Very slightly Soluble in the following materials: hot water.
Dispersibility Properties	Not available
Partition coefficient: n-octanol/water	2.81
Auto Ignition Temperature	Not available
Decomposition Temperature	Not available



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Viscosity

Dynamic (room temperature): Not applicable

Volatility

Kinematic (room temperature): Not applicable

<1% (w/w)

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**SECTION 10 – STABILITY AND REACTIVITY**

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<b>10.1 Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Stability</b>	This product is stable.
<b>10.3 Possibility of Hazardous Reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Hazardous Decomposition</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>10.5 Conditions to Avoid</b>	No specific data.
<b>10.6 Incompatible Materials</b>	No specific data.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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<b>11.1 Potential Acute Health Effects</b> Eye contact: Inhalation:  Skin contact: Ingestion:	Causes serious eye damage. Harmful if inhaled. May give off gas, vapor or dust that is irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. No known significant effects or critical hazards. Harmful if swallowed. May cause burns to mouth, throat and stomach.
<b>11.2 Symptoms related to the Physical, Chemical and Toxicological Characteristics</b> Eye contact:  Inhalation:  Skin contact:  Ingestion:	Adverse symptoms may include the following: pan, watering, Redness. Adverse symptoms may include the following: respiratory tract irritation, coughing Adverse symptoms may include the following: pain or irritation, redness, blistering may occur. Adverse symptoms may include the following: stomach pains
<b>11.3 Delayed and Immediate Effects as well as Chronic Effects from Short and Long Term Exposure</b>  Short Term Exposure: Potential immediate effects	  Not available.





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Potential delayed effects	Not available.
Long Term Exposure: Potential immediate effects	Not available.
Potential delayed effects	Not available.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**12.1 Persistence and Degradability**

Product/Ingredient Name	3-iodo-2-propynyl butylcarbamate
Test	OECD 301F
Result	25-28%
Dose	1.03 gO <sub>2</sub> /g ThOD
Inoculum	30 mg/l Activated sludge

Product/Ingredient Name	3-iodo-2-propynyl butylcarbamate
Aquatic half-life	-
Photolysis	-
Biodegradability	Readily

Product/Ingredient Name	3-iodo-2-propynyl butylcarbamate
LogP <sub>ow</sub>	2.81
BCF	-
Potential	Low

**12.2 Mobility in Soil**

Soil/water partition coefficient (K <sub>oc</sub> )	Not available.
Other adverse effects	No significant effects or critical hazards.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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**13.1 Waste Treatment Methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration of landfill should only be considered with recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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**SECTION 14 – TRANSPORTATION INFORMATION**

**14.1 DOT Classification**

UN Number  
UN Proper Shipping Name

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

III  
Yes  
Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of  $\leq 5$  L or  $\leq 5$  gg.

**14.2 TDG Classification**

UN Number  
UN Proper Shipping Name

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

III  
Yes  
The product is not regulated as a dangerous good when transported by road or rail.

**14.3 Mexico Classification**

UN Number  
UN Proper Shipping Name

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

III  
Yes  
The environmental hazardous substance mark is not



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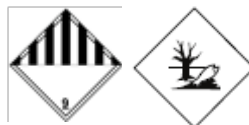
**14.4 ADR/RID**

UN Number  
UN Proper Shipping Name

required when transported in sizes of  $\leq 5L$  or  $\leq 5$  kg

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

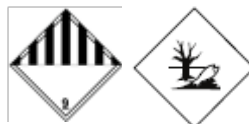
III  
Yes  
The environmental hazardous substance mark is not required when transported in sizes of  $< 5L$  or  $< 5$  kg  
Tunnel code: (E)

**14.5 IMDG**

UN Number  
UN Proper Shipping Name

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

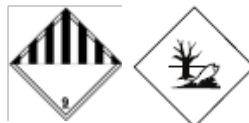
III  
Yes  
The marine pollutant mark is not required when transported in sizes of  $\leq 5L$  or  $\leq 5$  kg.

**14.6 IATA**

UN Number  
UN Proper Shipping Name

UN3077  
Environmentally hazardous substance, solid, n.o.s. (3-Iodo-2-propynyl butylcarbamate)

Transport Hazard Class(es)



Packing Group  
Environmental Hazards  
Additional Information

III  
Yes  
The environmental hazardous substance mark is not required when transported in sizes of  $\leq 5L$  or  $\leq 5$  kg

**14.7 Special Precautions for User**

Transport within user's premises: always transport in



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<p><b>14.8 Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code</b></p> <p><b>14.9 U.S. Federal Regulations</b></p> <p>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</p> <p>Clean Air Act Section 602 Class I Substances</p> <p>Clean Air Act Section Class II Substances</p> <p>DEA List I Chemicals (Precursor Chemicals)</p> <p>DEA List II Chemicals (Essential Chemicals)</p> <p>EPA</p>	<p>closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.</p> <p>Not available.</p> <p>TSCA 8(a) CDR Exempt/Partial exemption: Not determined All components are listed or exempted.</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not applicable</p>
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**SECTION 15 – REGULATORY INFORMATION**

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<p><b>15.1 U.S. Federal Regulations</b></p> <p>TSCA 8 (a) CDR Exempt/Partial Exemption</p> <p>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</p> <p>Clean Air Act Section 602 Class I Substances</p> <p>Clean Air Act Section 602 Class II Substances</p> <p>DEA List I Chemicals (Precursor Chemicals)</p> <p>DEA List II Chemicals (Essential Chemicals)</p> <p><b>15.2 EPA</b></p> <p>EPA Registration Number</p> <p>Symbol</p> <p>Precautionary Statements</p>	<p>Not determined. All components are listed or exempted.</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not listed</p> <p>Not applicable</p> <p>5383-50</p> <p>Not applicable</p> <p>DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed, absorbed through skin or inhaled. This product is toxic to fish and aquatic organisms.</p>
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**15.3 Explanation for differences between EPA and OSHA Classification**

OSH Signal Word

Danger – This is based on the following classification categories: ACUTE TOXICITY (Oral) – Category 4  
ACUTE TOXICITY (Inhalation) – Category 4  
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1  
Not within OSHA jurisdiction therefore not required on SDS.

Environmental Hazards

Danger - This is based on the following classification categories: Acute Oral Toxicity – Category III  
Acute Inhalation Toxicity – Category III  
Acute Dermal Toxicity – Category III  
Primary Eye Irritation – Category I  
Primary Skin Irritation – Category IV  
This product is toxic to fish and aquatic organism.

EPA Signal Word

Environmental Hazards

**15.4 SARA 302/304**

Composition/Information on Ingredients  
SARA 304 RQ

No products were found  
Not applicable

**15.5 SARA 311/312**

Classification

Immediate (acute) health hazard

Name

3-Iodo-2-propynyl butylcarbamate

%

98

Fire Hazard

No.

Sudden Release of Pressure

No.

Reactive

No.

Immediate (acute) Health Hazard

Yes.

Delayed (Chronic) Health Hazard

No.

**15.6 SARA 313**

Form R- Reporting Requirements:

Product Name

3-Iodo-2-propynyl butylcarbamate

CAS Number

55406-53-6

%

98

Supplier Notification:

Product Name

3-Iodo-2-propynyl butylcarbamate

CAS Number

55406-53-6

%

98

Note:

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**15.7 State Regulations**

Massachusetts

Not of the components are listed.



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New York  
 New Jersey

Not of the components are listed.  
 The following components are listed: 3-Iodo-2-propynyl butylcarbamate; Carbamic Acid, Butyl-, 3-Iodo-2-propynyl ester

Pennsylvania

None of the components are listed.

**15.8 International Regulations**

Chemical Weapon Convention List Schedules I, II & III Chemicals

No listed

Montreal Protocol (Annexes, A,B,C,E)

Not listed

Stockholm Convention on Persistent Organic Pollutants

Not listed

Rotterdam Convention on Prior Inform Consent (PIC)

Not listed

UNECE Aarhus Protocol on POP's and Heavy Metals

Not listed

**15.9 International Lists**

Australia  
 Canada  
 China  
 Europe  
 Japan  
 Malaysia  
 New Zealand  
 Philippines  
 Republic of Korea

All components are listed or exempted  
 All components are listed or exempted  
 All components are listed or exempted  
 All components are listed or exempted  
 All components are listed or exempted  
 Not determined  
 All components are listed or exempted  
 All components are listed or exempted  
 All components are listed or exempted

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**SECTION 16 – OTHER INFORMATION**

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**16.1 Hazard Material Information System (U.S.A.)**

Health: 2  
 Flammability: 0  
 Physical Hazards: 0

**16.2 National Fire Protection Associate (U.S.A.)**

Health: 2  
 Flammability: 0  
 Instability/Reactivity: 0



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