



<b>3.</b>	<b>Hazards Identification</b>
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**Principal Hazards**

**DANGER**

- FORMS EXPLOSIVE DUST-AIR MIXTURE
- CAUSES SEVERE EYE IRRITATION. RISK OF IRREVERSIBLE EYE DAMAGE
- MAY CAUSE HERITABLE GENETIC DAMAGE
- MAY BE HARMFUL IF SWALLOWED
- CONTAINS COMPONENTS WHICH MAY CAUSE CANCER

*See section 11 for complete health hazard information*

<b>4.</b>	<b>First Aid Measures</b>
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**Oral**

DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

**Eyes**

Flush immediately with water for atleast 15 minutes. Get immediate medical attention.

**Skin**

Wash with soap and water. Soaked clothing should be changed. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

**Inhalation**

Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or if toxic symptoms are observed, get medical attention.

**Additional Information**

Note to physician : Treat symptomatically.

<b>5.</b>	<b>Fire Fighting Measures</b>
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**Flash Point**

Not applicable

**Extinguishing Media**

Flood with Water

**Firefighting Procedures**

Recommend wearing self-contained breathing apparatus. Water may be ineffective fighting fires.

**Unusal Fire & Explosion Hazards**

Material will not burn. Dust from this product is explosive. Use in an inert gas atmosphere.

<b>6.</b>	<b>Accidental Release Measures</b>
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**Spill Procedures**

Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Prevent entry into sewers and waterways. Pick up free solid for recycle and/or disposal. Avoid raising a dust. Check under Transportation and Labelling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

<b>7.</b>	<b>Handling and Storage</b>
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**Pumping Temperature**

Not determined

**Maximum Handling Temperature**

Not determined

**Handling Procedures**

Open container in a well ventilated area. Avoid breathing vapors. Avoid creating dust. Maintain good housekeeping practices. Wash thoroughly after handling.

<b>Maximum Storage Temperature</b>	Not determined
<b>Storage Procedures</b>	Store in well ventilated area. Store in dry area, 0 – 100 deg F (-18 – 38 deg C).
<b>Loading Temperature</b>	Not determined.

<b>8.</b>	<b>Exposure Controls/Personal Protection</b>
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<b>Other Exposure Limits</b>	See Hazardous Ingredients Section for any applicable exposure limits for components.
<b>Ventilation Procedures</b>	Use local exhaust ventilation to control mists or vapors
<b>Gloves Procedures</b>	Cotton or leather gloves.
<b>Eye Protection</b>	Chemical goggles or faceshield.
<b>Respiratory Protection</b>	Use NIOSH/MSHA approved full facepiece respirator with a High Efficiency Particulate Air (HEPA) filter if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
<b>Clothing Recommendation</b>	Long sleeve shirt is recommended.

<b>9.</b>	<b>Physical and Chemical Properties</b>
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<b>Flash Point</b>	Not applicable
<b>Upper Flammable Limit</b>	Not determined
<b>Lower Flammable Limit</b>	Not determined
<b>Autoignition Point</b>	Not determined
<b>Explosion Data</b>	Dust from this product has a moderate explosibility rating.
<b>Vapor Pressure</b>	Not determined
<b>pH</b>	Not determined
<b>Specific Gravity</b>	1.01 (15.6 Deg C)
<b>Bulk Density</b>	Not determined
<b>Water Solubility</b>	Soluble
<b>Percent Volatile</b>	< 1 percent
<b>Percent VOC</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Odor</b>	Mild
<b>Appearance</b>	Flowing gray-white crystalline solid.
<b>Viscosity</b>	Unknown
<b>Odor Threshold</b>	Unknown
<b>Boiling Point</b>	Not determined
<b>Pour Point Temperature</b>	Not determined
<b>Melting / Freezing Point</b>	Not determined

*The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.*



<b>12.</b>	<b>Ecological Information</b>
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**- ENVIRONMENTAL TOXICITY -**

<b>Freshwater Fish Toxicity</b>	The acute LC50 is 100 – 1000 mg/L based on actual data.
<b>Freshwater Invertebrates Toxicity</b>	The acute EC50 is 100 – 1000 mg/L based on actual data.
<b>Algal Inhibition</b>	The acute EC50 is > 1000 mg/L based on similar products.
<b>Saltwater Fish Toxicity</b>	Not determined
<b>Saltwater Invertebrates Toxicity</b>	Not determined
<b>Bacteria Toxicity</b>	The acute EC50 for bacteria is > 1000 ppm based on similar materials
<b>Miscellaneous Toxicity</b>	Not determined.

**- ENVIRONMENTAL FATE -**

<b>Biodegradation</b>	This product shows limited biodegradation based on actual OECD 301-type test data. This product shows limited biodegradation based on OECD 302-type test data for similar products.
<b>Bioaccumulation</b>	This material displays no potential to bioconcentrate
<b>Soil Mobility</b>	Not determined.

<b>13.</b>	<b>Disposal Consideration</b>
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<b>Waste Disposal</b>	This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261
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<b>14.</b>	<b>Transport Information</b>
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<b>ICAO/IATA</b>	Not regulated.
<b>IMDG (Ambient)</b>	Not regulated.
<b>IMDG EMS</b>	Not applicable
<b>IMDG MFAG</b>	Not applicable
<b>USCG Compatibility</b>	Not determined
<b>U.S.DOT Non-Bulk</b>	Not regulated.
<b>DOT NAERG</b>	171
<b>TDG Bulk (Ambient)</b>	Not regulated
<b>TDG Non-Bulk</b>	Not regulated.
<b>Mexico</b>	Not regulated
<b>ADR/RID (Ambient)</b>	Not regulated
<b>ADR/RID Hazard ID No.</b>	Not applicable
<b>ADG (Ambient)</b>	Not regulated

<b>15.</b>	<b>Regulatory Information</b>
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**U.S.TSCA Inventory** All components of this material are on the US TSCA Inventory or are exempt.  
**Other TSCA Reg.** None Known  
**SARA Ext.Haz. Subst.** This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.  
**SARA Section 313** 0.5% Acrylamide, CAS No.79-06-1 0.2% Acrylonitrile, CAS no.107-13-1  
**TDG Regulated Limit** None known  
**CERCLA Hazardous Substances**

**Transit Reportable Quantities**

Component	Reportable Quantity RQ	Units	Reportable Quantity RQ	Units
Acrylonitrile	61072	Lbs.	30267	KG

**Cal.Prop.65** This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects: acrylonitrile, acrylamide.  
**U.S.Fuel Registration** Not applicable  
**U.S.Dept of Agriculture** This product has not been filed with the USDA to support H2 approvals.  
**NSF Nonfood Compounds Registration** This product has not been filed with the NSF to support H1 or H2 approvals.  
**U.S.Tariff Heading Number** 2924.19.10.50  
**Schedule B Number** 2924.19.0000  
**FDA Approval** Not applicable  
**EEC EINECS** All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.  
**Finnish Registration Number** Not Registered  
**Sweden Registration Number** Not Registered  
**Norway Registration Number** Not Registered  
**Danish Registration Number** Not Registered  
**Japan METTI** All components are in compliance with the Chemical Substances Control Law of Japan  
**Australia** All components are in compliance with chemical notification requirements in Australia.  
**Canada** All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.  
**Switzerland** All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.  
**Korea** All components are in compliance in Korea  
**Philippines** All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A.6969).  
**China** All components of this product are listed on the Inventory of Existing Chemical Substances in China.  
**China Registration Number** Not Registered  
**Malta Registration Number** Not Registered  
**Ukraine Registration Number** Not Registered

<b>16.</b>	<b>Other Information</b>
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US NFPA Codes

Health	Fire	Reactivity	Special
3	1	0	N/E

HMIS Codes

Health	FIRE	Reactivity
3 *	1	0

Precautionary Labels

**DANGER**

- **FORM EXPLOSIVE DUST-AIR MIXTURE.**
- **MAY CAUSE HERITABLE GENETIC DAMAGE.**
- **MAY BE HARMFUL IF SWALLOWED.**
- **CONTAINS COMPONENTS WHICH MAY CAUSE CANCER.**

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