

## Safety Data Sheet

Material Name: X-Tenda Coat Flashing Grade

Product #: 303496 2-Gal  
3034976 5-Gal

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

X-Tenda Coat Flashing Grade

**Chemical Family**

Mixture

**Product Use**

Elastomeric coating

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle SynTec Systems  
1285 Ritner Highway  
Carlisle, PA 17013  
USA  
Phone: +1-800-479-6832  
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

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### Section 2 - HAZARDS IDENTIFICATION

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**Physical Hazards**

Not classified.

**Health Hazards**

Sensitization, Skin	Category 1
Carcinogenicity	Category 2

**Environmental Hazards**

Hazardous to the aquatic environment, acute hazard	Category 1
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**OSHA Defined Hazards**

Not classified.

**GHS Label Elements**

Symbol(s)



**Signal Word**

Warning

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**Hazard Statement(s)**

May cause an allergic skin reaction. Suspected of causing cancer. Harmful to aquatic life.

**Precautionary Statement(s)**

**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Storage**

Store locked up.

**Disposal**

Dispose of content and/or container in accordance with local/regional/national/international regulations.

**Hazard(s) Not Otherwise Classified (HNOC)**

None known.

**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Mixtures**

Chemical Name	CAS number	%
Calcium Carbonate	1317-65-3	30 to <40
PARAFFINIC PETROLEUM OIL	64742-54-7	1 to <5
TITANIUM DIOXIDE	13463-67-7	1 to <5
Aqua Ammonia (10-30%)	1336-21-6	0.1 to <1
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER	10605-21-7	0.1 to <1
Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	0.1 to <1
Isobutane	75-28-5	0.1 to <1
Non-hazardous ingredients		60 to <70

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### Section 4 - FIRST AID MEASURES

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#### **Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

#### **Skin Contact**

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

#### **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**

Upper respiratory tract irritation. Irritation of eyes and mucous membranes. Coughing. Skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.

#### **Indication of Immediate Medical Attention and Special Treatment Needed**

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

#### **General Information**

If exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

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### Section 5 - FIRE FIGHTING MEASURES

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#### **Suitable Extinguishing Media**

Water fog, foam, dry chemical powder or carbon dioxide.

#### **Unsuitable Extinguishing Media**

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

#### **Specific Hazards arising from the Chemical**

During fire, gases hazardous to health may be formed.

#### **Specific 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**

Move containers from fire area if you can do so without risk.

#### **Specific Methods**

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

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### General Fire Hazards

No unusual fire or explosion hazards noted.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### Personal Precautions, Protective Equipment and Emergency Procedures

Keep unnecessary personnel away. Keep people away from and upwind or spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and Materials for Containment and Cleaning Up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover the plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basement or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

### Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

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## Section 7 - HANDLING AND STORAGE

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### Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for Safe Storage, Including any Incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits**

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

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	PEL	35 mg/m <sup>3</sup> 50 ppm	
Calcium Carbonate (CAS 1317-65-3)	PEL	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>	Respirable fraction. Total dust.
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	15 mg/m <sup>3</sup>	Total dust.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	STEL TWA	35 ppm 25 PPM	
Isobutane (CAS 75-28-5)	STEL	1000 ppm	
PARAFFINIC PETROLEUM OIL (CAS 64742-54-7)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Ammonium Hydroxide 20-30% (CAS 1336-21-6)	STEL  TWA	27 mg/m <sup>3</sup> 35 ppm 18 mg/m <sup>3</sup> 25 ppm	
Calcium Carbonate (CAS 1317-65-3)	TWA	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Respirable. Total
Isobutane (CAS 75-28-5)	TWA	1900 mg/m <sup>3</sup> 800 ppm	

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

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**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.

**Skin Protection**

**Hand Protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards**

Wear appropriate thermal protective clothing, when necessary.

**General Hygiene Considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>			
<b>Physical State</b>	Liquid	<b>Form</b>	Liquid
<b>Color</b>	Not Available	<b>Odor</b>	Not available
<b>Odor Threshold</b>	Not Available	<b>pH</b>	Not Available
<b>Melting Point/Freezing Point</b>	Not Available	<b>Initial Boiling Point and Boiling Range</b>	Not Available
<b>Flash Point</b>	Not Available	<b>Evaporation Rate</b>	Not Available
<b>Flammability (solid, gas)</b>	Not Available		
<b>Upper/Lower Flammability or Explosive Limits</b>			
<b>Flammability Limit – Lower (%)</b>	Not Available	<b>Flammability Limit – Upper (%)</b>	Not Available

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<b>Explosive Limit – Lower (%)</b>	Not Available	<b>Explosive Limit – Upper (%)</b>	Not Available
<b>Vapor Pressure</b>	Not Available	<b>Vapor Density</b>	Not Available
<b>Relative Density</b>	Not Available	<b>Solubility(ies) Solubility (water)</b>	Not Available
<b>Partition coefficient (n-octanol/water)</b>	Not Available	<b>Auto-ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	Not Available	<b>Viscosity</b>	Not Available
<b>Other Information</b>			
<b>Density</b>	8.07 lbs/gal	<b>Percent Volatile</b>	30.63 %
<b>Specific Gravity</b>	0.97	<b>VOC</b>	< 50 g/L

### Section 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**

No dangerous reaction known under conditions of normal use.

**Conditions to Avoid**

Contact with incompatible materials.

**Incompatible Materials**

Fluorine.

**Hazardous Decomposition Products**

No hazardous decomposition products are known.

### Section 11 - TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Inhalation**

Prolonged inhalation may be harmful.

**Skin Contact**

May cause an allergic skin reaction.

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**Eye Contact**

Direct contact with eyes may cause temporary irritation.

**Ingestion**

Expected to be a low ingestion hazard.

**Symptoms Related to the Physical, Chemical and Toxicological Characteristics**

Irritation of eyes and mucous membranes. Upper respiratory tract irritation. Coughing. Skin Irritation. May cause an allergic skin reactions. Dermatitis. Rash.

**Information on Toxicological Effects**

**Acute Toxicity**

May cause an allergic skin reaction.

Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
<b>Acute Oral</b> LD50	Rat	350 mg/kg
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)		
<b>Acute Dermal</b> LD50	Rabbit Rat	> 2000 mg/kg 2000 mg/kg
<b>Oral</b> LD50	Guinea pig Mouse Rat	> 5000 mg/kg 11000 mg/kg > 5000 mg/kg
Isobutane (CAS 75-28-5)		
<b>Acute Inhalation</b> LC50	Mouse	52 mg/l, 1 Hours

\*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.



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**Skin Sensitization**

May cause an allergic skin reaction.

**Germ Cell Mutagenicity**

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

**Carcinogenicity**

Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

TITANIUM DIOXIDE (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

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

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

PARAFFINIC PETROLEUM OIL (CAS 64742-54-7) Known To Be Human Carcinogen.

**Reproductive Toxicity**

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

**Specific Target Organ Toxicity – Single Exposure**

Not classified.

**Specific Target Organ Toxicity – Repeated Exposure**

Not classified.

**Aspiration Hazard**

Not available.

**Chronic Effects**

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

### Section 12 - ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life.

Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
<b>Aquatic</b> Fish      LC50	Western Mosquitofish ( <i>Gambusia affinis</i> )	15 mg/l, 96 hours
CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)		
<b>Aquatic</b> Fish      LC50	Channel catfish ( <i>Ictalurus punctatus</i> )	0.009 - 0.015 mg/l, 96 hours

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TITANIUM DIOXIDE (CAS 13463-67-7)		
<b>Aquatic</b>		
Crustacea EC50	Water flea ( <i>Daphnia magna</i> )	> 1000 mg/l, 48 hours
Fish LC50	Mummichog ( <i>Fundulus heteroclitus</i> )	> 1000 mg/l, 96 hours

\*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)**

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER	1.52
Isobutane	2.76

**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.

### Section 13 - DISPOSAL CONSIDERATIONS

**Disposal Instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local Disposal Regulations**

Dispose of 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.

**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.



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### Section 14 - TRANSPORT INFORMATION

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#### US DOT Information:

Not regulated as dangerous goods.

#### IATA Information:

Not regulated as dangerous goods.

#### IMDG Information:

Not regulated as dangerous goods.

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### Section 15 - REGULATORY INFORMATION

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#### 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)

Chloro-2-methyl-4-isothiazolin-3-one (CAS 26172-55-4) 1.0 % One-Time Export Notification only.

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

Aqua Ammonia (10-30%) (CAS 1336-21-6) Listed.

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7) Listed.

ESTER (CAS 10605-21-7)

Isobutane (CAS 75-28-5) Listed.

#### SARA 304 Emergency Release Notification

Not regulated.

#### 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 – No

Pressure Hazard – No

Reactivity Hazard – No

#### SARA 302 Extremely Hazardous Substance

Not listed.

SARA 311/312 Hazardous chemical No

chemical

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Aqua Ammonia (10-30%)	1336-21-6	0.1 to <1

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### Other Federal Regulations

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

Not regulated.

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

Isobutane (CAS 75-28-5)

**Safe Drinking Water Act (SDWA)** Not regulated

### 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))

Isobutane (CAS 75-28-5)

PARAFFINIC PETROLEUM OIL (CAS 64742-54-7)

TITANIUM DIOXIDE (CAS 13463-67-7)

#### US. Massachusetts RTK - Substance List

Aqua Ammonia (10-30%) (CAS 1336-21-6)

Calcium Carbonate (CAS 1317-65-3)

Isobutane (CAS 75-28-5)

TITANIUM DIOXIDE (CAS 13463-67-7)

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

Aqua Ammonia (10-30%) (CAS 1336-21-6)

Calcium Carbonate (CAS 1317-65-3)

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)

Isobutane (CAS 75-28-5)

TITANIUM DIOXIDE (CAS 13463-67-7)

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

Aqua Ammonia (10-30%) (CAS 1336-21-6)

Calcium Carbonate (CAS 1317-65-3)

Isobutane (CAS 75-28-5)

TITANIUM DIOXIDE (CAS 13463-67-7)

#### US. Rhode Island RTK

Aqua Ammonia (10-30%) (CAS 1336-21-6)

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)

Isobutane (CAS 75-28-5)

#### 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

TITANIUM DIOXIDE (CAS 13463-67-7)

Listed: September 2, 2011

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### 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)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
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	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements 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 county(s).

### Section 16 - OTHER INFORMATION

#### Summary of Changes

Revision Date: September 19, 2018  
Revision Note: General Update

#### HMIS® Ratings

Health: 2, Flammability: 0, Physical Hazard: 0  
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### NFPA Ratings

Health: 2, Flammability: 0, Instability: 0  
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition



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coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

#### **Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.