

***** Section 1 - IDENTIFICATION*****

Product Identifier:

UP-50

Recommended Use

Various industrial applications. Wood treatment.

Restrictions on Use

None known.

Manufactured for:

Viance, LLC.
8001-IBM Drive
Charlotte, NC 28262

Phone: 704-522-0825
Fax: 704-527-8232
Emergency #: CHEMTREC: (800) 424-9300, 1-703-527-3887 for U.S. and Canadian shipments ONLY

General Comments

NOTE: Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

***** Section 2 - HAZARD(S) IDENTIFICATION*****

Classification in accordance with 29 CFR 1910.1200.

Eye damage/irritation, Category 1
Acute Toxicity – Oral, Category 4
Acute Toxicity – Inhalation, Category 4

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Causes serious eye damage.
Harmful if swallowed.
Harmful if inhaled.



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Precautionary Statement(s)

Prevention

- Wear eye protection/face protection.
- Wash exposed skin thoroughly after handling.
- Do not eat, drink or smoke while using this product.
- Avoid breathing dust/fume/gas/mist/spray.
- Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation persists: Get medical advice attention. Take off contaminated clothing and wash before reuse.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Storage

Store locked up.

Disposal

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

Hazards not otherwise classified

This product is produced and shipped in solid block form that is either placed in a large clear polyethylene bag and then in a polyethylene woven fabric super sack as a 2,000 lb block; or in an approximate 500 lb metal container. As supplied, this product is moderately irritating to skin.

As supplied, generation of dusts is unlikely. Avoid handling conditions which could result in the formation of dust, flaking or breakage of the solid block products. May form combustible dust concentrations in air if dust is generated.

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

CAS #	Component	Percent
64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT)	50
Proprietary *	Wax 1 *	25
Proprietary *	Wax 2 *	25

* Specific chemical identity and CAS # has been withheld as a trade secret.

Component Information/Information on Non-Hazardous Components

This product is an approved pesticide registered with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). Pesticide Registration Number 83007-14.

This Safety Data Sheet, as distributed with the pesticide product, is part of the pesticide labeling governed by the Environmental Protection Agency (40 CFR Parts 152-186) and provides information supplemental to the FIFRA



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required label on product packaging. This product is subject to certain labeling requirements under federal pesticide law. These requirements differ from classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels on non-pesticide chemicals. See Section 15 for specific pesticide labeling requirements. READ PRODUCT LABEL FOR COMPLETE INFORMATION.

This product is considered hazardous under the criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

* * * Section 4 - FIRST-AID MEASURES * * *

Description of Necessary Measures

Inhalation

IF INHALED: Under normal conditions of handling, the product as supplied is not expected to present an inhalation hazard. As supplied, generation of dusts is unlikely. Avoid handling conditions which could result in the formation of dust, flaking or breakage of the solid block products. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact

IF ON SKIN (or hair): As supplied, this product is moderately irritating to skin. Wash with plenty of water. If skin irritation persists: Get medical advice attention. Take off contaminated clothing and wash before reuse.

Eye Contact

IF IN EYES: Physical properties of the product prevent aerosolization. As supplied, generation of dusts is unlikely. Avoid handling conditions which could result in the formation of dust, flaking or breakage of the solid block products. If in eyes, wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion

IF SWALLOWED: Under normal conditions of handling product, ingestion is not expected to be a route of exposure. If ingested, rinse mouth with water. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed:

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Ensure that medical personnel are aware of the material(s) involved.

* * * Section 5 - FIRE-FIGHTING MEASURES * * *

Suitable Extinguishing Media

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

Unsuitable Extinguishing Media

Do not use water jet. Material may float on water and can spread fire.

Specific Hazards Arising from the Chemical

Do not direct a solid stream of water or foam into burning material. This may cause spattering and spread the fire.

Hazardous Decomposition Products

During a fire, smoke may contain the combustion products hydrogen chloride, nitrogen oxides, sulfur oxides, and oxides of carbon.

Special Protective Equipment and Precautions for Firefighters

Keep people away. Isolate fire and deny unnecessary entry. Do not use direct water stream. May spread fire.

Fire Fighting Measures

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0 Other: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



*** Section 6 - ACCIDENTAL RELEASE MEASURES***

Personal Precautions, Protective Equipment and Emergency Procedures

This product is produced and shipped in a 2000 lb solid block form and is placed in a large clear polyethylene bag and then placed in a polyethylene woven fabric super sack; or in an approximate 500 lb metal container. The block is placed on a pallet and the wrapped block is strapped to the pallet for shipment to the customer who will remove the solid block from the wrapping or container and place it in a dissolver vessel where it is dissolved in a hot solvent to produce the final liquid product.

Avoid handling and storage conditions which could result in the formation of dust, flaking or breakage of the solid block products.

Methods and Materials for Containment

No containment procedures are needed, as this product cannot spill or leak in present form.

Methods and Materials for Containment and Cleaning Up

Pick up and place in appropriate containers for reuse or disposal. Any waste generated should be evaluated in accordance with applicable hazardous and solid waste regulations. See Section 13, Disposal Considerations, for additional information.

*** Section 7 - HANDLING AND STORAGE***

Precautions for Safe Handling

Do not get in eyes. Do not get on skin or clothing. Wash exposed skin thoroughly after handling. Keep container closed. Use with adequate ventilation. Molten wax should not be exposed to water, as it may splatter. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for Safe Storage, including any Incompatibilities

Store in a cool, dry, locked, well-ventilated area. Store away from direct sunlight and any sources of heat. Do not store this material in open or unlabeled containers. See product label for more information.

Incompatibilities

Avoid contact with oxidizing materials. Avoid contact with: Acids. Bases. Halogens. Metal oxides

*** Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION***

Component Exposure Limits

Exposure limits for this product has not been established.

Component Exposure Limits

Wax 1 (Proprietary)

ACGIH:	2 mg/m ³ TWA (fume)
NIOSH:	2 mg/m ³ TWA (fume)
Alberta:	2 mg/m ³ TWA (fume)
British Columbia:	2 mg/m ³ TWA (fume)
Manitoba:	2 mg/m ³ TWA (fume)
Newfoundland and Labrador:	2 mg/m ³ TWA (fume)
Northwest Territories:	2 mg/m ³ TWA (fume) 4 mg/m ³ STEL (fume)
Nova Scotia:	2 mg/m ³ TWA (fume)
Nunavut:	2 mg/m ³ TWA (fume) 4 mg/m ³ STEL (fume)
Ontario:	2 mg/m ³ TWA (fume)
Prince Edward Island:	2 mg/m ³ TWA (fume)
Saskatchewan:	2 mg/m ³ TWA (fume) 4 mg/m ³ STEL (fume)
Yukon:	2 mg/m ³ TWA (fume) 6 mg/m ³ STEL (fume)

Appropriate Engineering Controls

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment. Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Individual Protection Measures, such as Personal Protective Equipment

Eyes/Face Protection

Use protective eyewear. When handling hot material: Wear a face-shield which allows use of chemical goggles, or wear a full-face respirator, to protect face and eyes when there is any likelihood of splashes.



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Skin Protection

Use gloves chemically resistant to this material. Use gloves with insulation for thermal protection, when needed. Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. When handling hot material, protect skin from thermal burns. Selection of specific items will depend on the operation.

Respiratory Protection

Not generally required except when in liquid form. Where exposure to hot liquids have not been evaluated and/or local exhaust ventilation systems are not in use, a minimum ½ face-piece NIOSH approved respirator with cartridges approved for organic vapors, acid gases, and particulate matter is recommended. Respirators should be selected by and used under the direction of a trained health and safety professional following the requirements found in OSHA's respirator standard (29 CFR 1901.134) and ANSI's standard for respiratory protection (Z88.2-1992), applicable U.S. regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. A written respiratory protection program, including provisions for medical certification, training, fit-testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage, must be implemented.

* * * Section 9 - PHYSICAL AND CHEMICAL PROPERTIES* * *

Appearance:	Pale Yellow to White	Odor:	None to mild petroleum
Physical State:	Solid	Odor Threshold:	Not Available
Vapor Pressure:	Not available	pH:	3.55 (1% wt/wt)
Vapor Density:	Not available	Specific Gravity:	1.079
Boiling Point / Boiling Range:	Not available	Evaporation Rate:	Not Available
Melting Point / Freezing Point:	75-85 °C / Not available	Relative Density:	Not Available
Solubility (H₂O):	Insoluble	Auto-ignition Temperature:	Not available
Flash Point:	>100 °C (>212 °F)	Decomposition Temperature:	Not available
Upper Flammable Limit (UFL):	Not available	Lower Flammable Limit (LFL):	Not available
Viscosity:	Not available	Partition Coefficient (n-octanol / water):	Not available
Flammability (solid, gas):	Not applicable		

* * * Section 10 - STABILITY AND REACTIVITY* * *

Chemical Stability

This product is stable material under normal conditions of temperature and pressure.

Possibility of Hazardous Reactions

Does not occur.

Conditions to Avoid

Exposure to elevated temperatures can cause product to melt. Avoid dust formation.



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Incompatible Materials

Avoid contact with oxidizing materials.

Hazardous Decomposition Products

Decomposition products depend upon temperature and the presence of other materials.

* * * Section 11 - TOXICOLOGICAL INFORMATION * * *

Product Toxicity

Acute Oral: 2000mg/kg

Acute dermal: >5000 mg/kg

Acute inhalation: As supplied, product cannot be aerosolized.

Skin irritation: Moderately irritating to the skin

Skin Sensitization: Not a contact skin sensitizer.

Eye irritation: Corrosive.

Component Toxicity

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Acute oral toxicity - Low toxicity if swallowed. Swallowing may result in irritation or burns of the mouth, throat, and gastrointestinal tract.

Acute dermal toxicity - Prolonged or widespread skin contact may result in absorption of harmful amounts.

Acute inhalation toxicity - Inhalation is unlikely due to physical state.

Component Analysis - LD50/LC50

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Acute Oral LD50 Rat; 1,636 mg/kg; Acute Dermal LD50 Rabbit; >652 mg/kg; Acute Inhalation LC50 Rat 4 hr (male and female): 0.26 mg/L 6 hr (Dust/Mist)

Wax 1 (Proprietary)

Acute Dermal, LC50 Rabbit > 5,000 mg/kg; Acute Oral, LD50 Rat > 5,000 mg/kg; Skin Corrosion/Irritation (Rabbit) – Not irritating; Eye Damage/Irritation (Rabbit) – Not Irritating; Respiratory or Skin Sensitization (Guinea Pig) – Not sensitizing.

Wax 2 (Proprietary)

Acute Dermal, LC50 Rabbit > 3,600 mg/kg;

Information on Likely Routes of Exposure

Inhalation

Under normal conditions of handling, the product as supplied is not expected to present an inhalation hazard. As supplied, generation of dusts is unlikely. Avoid handling conditions which could result in the formation of dust, flaking or breakage of the solid block products.



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Ingestion

Under normal conditions of handling product, ingestion is not expected to be a route of exposure. As supplied, generation of dusts is unlikely. Avoid handling conditions which could result in the formation of dust, flaking or breakage of the solid block products.

Skin Contact

Skin absorption is unlikely due to physical form and properties. As supplied, this product is moderately irritating to skin.

Component Skin Corrosion/Irritation

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Brief contact may cause skin burns. Symptoms may include pain, severe local redness and tissue damage.

Eye Contact

Causes serious eye damage.

Component Eye Damage/Irritation

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Immediate Effects

Serious eye damage and moderate skin irritation.

Delayed Effects

No data available.

Medical Conditions Aggravated by Exposure

No data Available.

Irritation/Corrosivity Data

Moderate skin irritation. Serious eye damage.

Respiratory Sensitization

No data available for product.

Component Respiratory Sensitization

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

No relevant data found.

Dermal Sensitization

No data available for product.

Component Dermal Sensitization

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Has caused allergic skin reactions when tested in guinea pigs.

Germ Cell Mutagenicity

No data available for product.

Component Germ Cell Mutagenicity

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Non-mutagenic

Carcinogenicity

Component Carcinogenicity

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)



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Active ingredient did not cause cancer in laboratory animals.

Reproductive Toxicity

No data available for product.

Component Reproductive Toxicity

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

This product is not a reproductive hazard.

Specific Target Organ Toxicity - Single Exposure

No information available for product.

Component Specific Target Organ Toxicity - Single Exposure

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

May cause respiratory irritation. Route of Exposure: Inhalation Target Organs: Respiratory Tract

Specific Target Organ Toxicity - Repeated Exposure

No information available

Aspiration Hazard

Not classified.

* * * Section 12 - ECOLOGICAL INFORMATION * * *

Ecotoxicity

This product can be harmful to both terrestrial and aquatic plant or animal life.

Component Analysis - Aquatic Toxicity

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Fish: Oncrhyinchus mykiss (rainbow trout) LC50 96 hr; 0.0027 mg/L [flow-through];
Lepomis macrochirus (bluegill sunfish) LC50 96 hr; 0.014 mg/L [flow-through];

Invertebrae: Daphnia magna (Water Flea) EC50 48 hr; 0.0052 mg/L

Algae: Pseudokirchneriella subcapitata (green algae) ErC50, 72 hr; 0.048 mg/L
[static]; Pseudokirchneriella subcapitata (green algae) ErC50, 72 hr; 0.077
mg/L [static];

Bacteria: Activated sludge, Respiration rates EC50; 5.70 mg/L.

Wax 1 (Proprietary)

Fish: Pimephales promelas (fathead minnow) LL50 96 hr; >100 mg/L

Invertebrae: Daphnia magna (Water Flea) LL50; >10,000 mg/L

Algae: Pseudokirchneriella subcapitata (green algae) ErC50, 72 hr; ≥100 mg/L

Persistence and Degradability

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Biodegradability: Readily biodegradable

Method: Simulation study

Stability in Water (1/2-life) - DT50, 1.2 d

Bioaccumulation Potential

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Partition coefficient: n-octanol/water(log Pow): 2.8 OECD Test Guideline 107 or Equivalent



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Bioconcentration factor (BCF): < 13 Fish.

Mobility in Soil

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Expected to be relatively immobile in soil (Koc > 5000).

Partition coefficient (Koc): 6610

* * * Section 13 - DISPOSAL CONSIDERATIONS * * *

Disposal Methods

This material as supplied has been tested in accordance with EPA requirements and does not exhibit any characteristics of a hazardous waste, or contain any contaminant listed in 40 CFR 261.24 as determined by the Toxicity Characteristic Leaching Procedure (EPA Method 1311).

Dispose of material according to Local, State, Federal, and Provincial Environmental Regulations.

Disposal of Contaminated Packaging

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

* * * Section 14 - TRANSPORT INFORMATION * * *

US DOT Information

Shipping Name: Not a regulated dangerous good.

Canada Transportation of Dangerous Goods Information

Shipping Name: Not a regulated dangerous good.

IMDG

Shipping Name: Not a regulated dangerous good.

* * * Section 15 - REGULATORY INFORMATION * * *

U.S. Federal Regulations

This material does not contain chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4). SARA Section 312 (Tier II) may be applicable depending on onsite storage quantities.

SARA 311/312: See Section 2 for Physical and Health Hazards to be listed on Tier II form EPA 8700-30, or equivalent.

Federal Insecticide, Fungicide, and Rodenticide Act

This product is a pesticide product registered by the Environmental Protection Agency and is subject to certain



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labeling requirements under federal pesticide law. These requirements differ from classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels on non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

DANGER

Corrosive

Causes irreversible eye damage and skin burns.

May be fatal in inhaled.

Harmful if swallowed.

Harmful if absorbed through the skin.

To follow the recommendations above, registrants should reprint the FIFRA hazard statements (e.g., “Causes irreversible eye damage and skin burns”), signal word, and symbol (if required) in Section 15 (“Regulatory Information”) of the SDS. Other elements of the FIFRA label, such as directions for use, should not be included.”

This product is toxic to fish and aqueous invertebrates.

EPA Registration No. 83997-14

Component Marine Pollutants

This material does not contain chemicals required by US DOT to be identified as marine pollutants.

U.S. State Regulations

State Regulations

Other state regulations may apply. Check individual state requirements.

Component Analysis – State

Component	CAS	CA	MA	MN	NJ	PA	RI
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	No	No	No	No	No	No
Wax 1	Proprietary	Yes	Yes	Yes	Yes	Yes	No
Wax 2	Proprietary	No	No	No	No	No	No

No components are listed on the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Component Analysis - WHMIS IDL

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List (IDL). The List is composed of chemicals which must be identified on MSDSs if they are included in products which fall under WHMIS criteria specified in the Controlled Products Regulations and present above the threshold limits listed on the IDL. This product does not contain components listed on the IDL.

WHMIS Classification:

D2B - Toxic Material at $\geq 1\%$ (Skin/Eye Irritation)



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Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS	AU	MX	JP	PH	KR	CH
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wax 1	Proprietary	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wax 2	Proprietary	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

*** Section 16 - OTHER INFORMATION***

Summary of Changes

New SDS: 08/20/2020 v.1.0; 03/12/2021 v.1.5 – CAS change for Wax 2 by vendor. 04/08/2022 v.2.0 – Added FIFRA registration number Section 3 and FIFRA information Section 15.

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; **AU** - Australia; **BOD** - Biochemical Oxygen Demand; **C** - Celsius; **CA** - Canada; **CAS** - Chemical Abstracts Service; **CERCLA** - Comprehensive Environmental Response, Compensation, and Liability Act; **CFR** - Code of Federal Regulations; **CN** - China; **CNS** – Central Nervous System; **CPR** - Controlled Products Regulations; **cSt** – Centistokes; **DOT** - Department of Transportation; **DSL** - Domestic Substances List; **EbC50** – Acute Endpoint - the concentration of a test substance which results in a 50 percent reduction in biomass growth; **EINECS** - European Inventory of Existing Commercial Chemical Substances; **ELINCS** - European List of Notified Chemical Substances; **EPA** - Environmental Protection Agency; **ERG** - Emergency Response Guide; **ErC50** – EC50 (lethal concentration) in terms of reduction of growth weight; **EU** - European Union; **F** - Fahrenheit; **HEPA** - High Efficiency Particulate Air; **HMIS** - Hazardous Material Information System; **HPV** – High Production Volume Chemical (EU); **IARC** - International Agency for Research on Cancer; **IATA** - International Air Transport Association; **ICL** – In Commerce List (Canada); **IDL** - Ingredient Disclosure List; **IDLH** - Immediately Dangerous to Life and Health; **IMDG** – International Maritime Dangerous Goods; **JP** - Japan; **KR** - Korea; **LL** – Lethal Loading; **LLNA** – Local Lymph Node Assay; **LEL** - Lower Explosive Limit; **LMPE-CT** – Short term exposure limit; **LMPE-PPT** - Límite Máximo Permissible de Exposición Promedio Ponderado en el Tiempo (Mexico TWA equivalent); **MITI** - Japan Ministry of International Trade and Industry; **mg/Kg** - milligrams per Kilogram; **mg/L** - milligrams per Liter; **mg/m³** - milligrams per Cubic Meter; **MSHA** - Mine Safety and Health Administration; **MX** – Mexico; **NA** - Not Applicable or Not Available; **NFPA** - National Fire Protection Association; **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 & Recovery Act; **SARA** - Superfund Amendments and Reauthorization Act; **STEL** - Short Term Exposure Limit; **STEV** – Short-term Exposure Values; **TDG** - Transport Dangerous Goods; **TSCA** - Toxic Substances Control Act; **TWA** - Time Weighted Average; **TWAEV** – Time Weighted Average Exposure Values; **UEL** - Upper Explosive Limit; **US** - United States; **VLE-CT** – Short term exposure limit value; **VLE-PPT** – Time weighted average limit value; **WHMIS** - Workplace Hazardous Materials Information System

Other Information

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation



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to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

End of Sheet VIA-291