SAFETY DATA SHEET

W11111010

Section 1. Identification

Product name	: WHITE LIGHTNING® SILICONE ULTRA 100% All Purpose Silicone Sealant Clear
Product code	: W1111010
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Paint or paint related material	
Manufacturer	: White Lightning Products 101 W. Prospect Avenue Cleveland, OH 44115
Emergency telephone number of the company	: (216) 566-2917
Product Information Telephone Number	: (800) 241-5295
Regulatory Information Telephone Number	: (216) 566-2902

Section 2. Hazards identification

Transportation Emergency : (800) 424-9300

Telephone Number

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 TOXIC TO REPRODUCTION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
	Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 10.3% (oral), 10.3% (dermal), 12.9% (inhalation)
GHS label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	: May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility or the unborn child.

Causes damage to organs. (upper respiratory tract)

May cause damage to organs through prolonged or repeated exposure. (blood system)

Precautionary statements

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Section 2. Hazards identification

General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: IF exposed: Call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Store locked up.
Disposal	 Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	None known.
	Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of	: Not available.
identification	

CAS number/other identifiers

W11111010

Clear

Ingredient name	% by weight	CAS number
Methyl Tris(methylethylketoxime)silane	≥10 - ≤25	22984-54-9
Amorphous Silica	≥10 - ≤25	7631-86-9
Methyl Ethyl Ketoxime	<3	96-29-7
Octamethylcyclotetrasiloxane	<1	556-67-2
Dibutyltin Dilaurate	<1	77-58-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary fi	<u>st aid measures</u>					
Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.					
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical					
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Section 4. First aid measures

	surveillance for 48 hours.
Skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

most important symptoms/	
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: Causes damage to organs following a single exposure if inhaled.
Skin contact	: Causes damage to organs following a single exposure in contact with skin. May cause an allergic skin reaction.
Ingestion	: Causes damage to organs following a single exposure if swallowed.
Over-exposure signs/sym	<u>ptoms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	 In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to

before removing it, or wear gloves.

give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water

Section 4. First aid measures

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
: 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".
: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
ntainment and cleaning up
: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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Section 7. Handling and storage

Precautions for safe handling	1	
Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.
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.
Conditions for safe storage, including any incompatibilities	:	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. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Methyl Tris(methylethylketoxime)silane Amorphous Silica	22984-54-9 7631-86-9	None. NIOSH REL (United States, 10/2020). [SILICA, AMORPHOUS] TWA: 6 mg/m ³ 10 hours.
Methyl Ethyl Ketoxime	96-29-7	OARS WEEL (United States, 4/2022). Skin sensitizer. TWA: 10 ppm 8 hours.
Octamethylcyclotetrasiloxane	556-67-2	OARS WEEL (United States, 4/2022). TWA: 10 ppm 8 hours.
Dibutyltin Dilaurate	77-58-7	ACGIH TLV (United States, 1/2023). [Tin, organic compounds as Sn] Absorbed through skin. TWA: 0.1 mg/m ³ , (as Sn) 8 hours. STEL: 0.2 mg/m ³ , (as Sn) 15 minutes. NIOSH REL (United States, 10/2020). [tin organic compounds as Sn] Absorbed through skin. TWA: 0.1 mg/m ³ , (as Sn) 10 hours. OSHA PEL (United States, 5/2018). [Tin, organic compounds (as Sn)] TWA: 0.1 mg/m ³ , (as Sn) 8 hours.

Occupational exposure limits (Canada)

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Section 8. Exposure controls/personal protection

Ingredient name	CAS #	Exposure limits
Methyl Ethyl Ketoxime Octamethylcyclotetrasiloxane	96-29-7 556-67-2	OARS WEEL (United States, 4/2022). Skin sensitizer. TWA: 10 ppm 8 hours. OARS WEEL (United States, 4/2022). TWA: 10 ppm 8 hours.
Occupational exposure limits (Mexico)		
	CAS #	Exposure limits
Dibutyltin Dilaurate	77-58-7	NOM-010-STPS-2014 (Mexico, 4/2016). [Tin, organic compounds] Absorbed through skin.

TWA: 0.1 mg/m³, (as Sn) 8 hours. STEL: 0.2 mg/m³, (as Sn) 15 minutes.

Biological exposure indices (United States)

No exposure indices known.

Biological exposure indices (Canada)

No exposure indices known.

Biological exposure indices (Mexico)

No exposure indices known.

Clear

Appropriate engineering controls		If user operations generate dust, fumes, gas, vapor or m local exhaust ventilation or other engineering controls to airborne contaminants below any recommended or statu	keep worker exposure to tory limits.		
Environmental exposure controls	:		comply with the requirements of environmental protection legislation. In some s, fume scrubbers, filters or engineering modifications to the process equipment		
Individual protection measu	res				
Hygiene measures	:	Wash hands, forearms and face thoroughly after handlin eating, smoking and using the lavatory and at the end of Appropriate techniques should be used to remove poten Contaminated work clothing should not be allowed out of contaminated clothing before reusing. Ensure that eyew showers are close to the workstation location.	the working period. tially contaminated clothing. f the workplace. Wash		
Eye/face protection	:	Safety eyewear complying with an approved standard sh assessment indicates this is necessary to avoid exposur gases or dusts. If contact is possible, the following prote the assessment indicates a higher degree of protection:	e to liquid splashes, mists, ection should be worn, unless		
Skin protection					
Hand protection	:	Chemical-resistant, impervious gloves complying with ar worn at all times when handling chemical products if a ris necessary. Considering the parameters specified by the during use that the gloves are still retaining their protection noted that the time to breakthrough for any glove materia glove manufacturers. In the case of mixtures, consisting protection time of the gloves cannot be accurately estimated	sk assessment indicates this is glove manufacturer, check ve properties. It should be al may be different for different of several substances, the		
Body protection	:	Personal protective equipment for the body should be seperformed and the risks involved and should be approve handling this product.			
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Section 8. Exposure controls/personal protection

Other skin protection	: 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.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Physical state : Liquid. Color : Not available.				
Odor : Not available.				
Odor threshold : Not available.				
pH : Not applicable.				
Melting point/freezing point : Not available.				
Boiling point, initial boiling : 151°C (303.8°F) point, and boiling range				
Flash point : Closed cup: 94°C (201.2°F) [Pensky-Martens Closed Cup]				
Evaporation rate : 0.24 (butyl acetate = 1)				
Flammability : Not available.	Not available.			
Lower and upper explosion: Lower: 1%limit/flammability limitUpper: 5%				
Vapor pressure : 0.27 kPa (2 mm Hg)				
Relative vapor density : 3 [Air = 1]				
Relative density : 1.02				
Solubility(ies) :				
Media Result				
cold water Not soluble				
Partition coefficient: n- : Not applicable. octanol/water				
Auto-ignition temperature : Not available.	: Not available.			
Decomposition temperature : Not available.	Not available.			
Viscosity : Kinematic (40°C (104°F)): >20.5 mm ² /s (>20.5 cSt)	Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)			
Molecular weight : Not applicable.				
Heat of combustion : 5.856 kJ/g				

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

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Section 10. Stability and reactivity			
Conditions to avoid	: No specific data.		
Incompatible materials	: No specific data.		
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.		

Section 11. Toxicological information

Information on toxicological effects

Ac	ute	tox	icitv	
/ 10	alu	LO A	Ulty	

Product/ingredient name	Result	Species	Dose	Exposure
Methyl Ethyl Ketoxime	LD50 Oral	Rat	930 mg/kg	- 🔍
Octamethylcyclotetrasiloxane	LC50 Inhalation Vapor	Rat	36 g/m ³	4 hours
	LD50 Dermal	Rat	1770 mg/kg	-
	LD50 Oral	Rat	1540 mg/kg	-
Dibutyltin Dilaurate	LD50 Oral	Rat	2071 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation	
Amorphous Silica	Eyes - Mild irritant	Rabbit	-	24 hours 25	-	
				mg		
Methyl Ethyl Ketoxime	Eyes - Severe irritant	Rabbit	-	100 uL	-	
Octamethylcyclotetrasiloxane	Eyes - Mild irritant	Rabbit	-	24 hours 500	-	
				mg		
	Skin - Mild irritant	Rabbit	-	24 hours 500	-	
				mg		
Dibutyltin Dilaurate	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-	
				mg		
	Skin - Severe irritant	Rabbit	-	500 mg	-	

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Amorphous Silica	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
Methyl Ethyl Ketoxime	Category 1	-	upper respiratory tract
	Category 3		Narcotic effects
Dibutyltin Dilaurate	Category 1	-	-

Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
Methyl Tris(methylethylketoxime)silane	Category 2	-	-
Methyl Ethyl Ketoxime	Category 2	-	blood system
Dibutyltin Dilaurate	Category 1	oral	-

Aspiration hazard

Not available.

Information on the likely routes of exposure	: Not available.
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: Causes damage to organs following a single exposure if inhaled.
Skin contact	: Causes damage to organs following a single exposure in contact with skin. May cause an allergic skin reaction.
Ingestion	: Causes damage to organs following a single exposure if swallowed.
Symptoms related to the p	hysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
	fects and also chronic effects from short and long term exposure
Short term exposure Potential immediate effects	: Not available.

Potential delayed effects :	Not available.
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Long term exposure

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Section 11. Toxicological information

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health ef	fects
Not available.	
General	: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: May damage the unborn child.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: May damage fertility.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	3450 mg/kg
Dermal	37950 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Amorphous Silica	Acute EC50 2.2 g/L Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours 🥄
	Chronic NOEC 12.5 mg/l Fresh water	Daphnia - <i>Daphnia magna -</i> Neonate	21 days
Methyl Ethyl Ketoxime	Acute LC50 843000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Octamethylcyclotetrasiloxane	Acute LC50 0.204 to 3.483 mg/l Fresh water	Fish - Leuciscus idus ssp. melanotus	96 hours
	Chronic NOEC 7.9 µg/l Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
	Chronic NOEC 4.4 µg/l Fresh water	Fish - Oncorhynchus mykiss - Egg	93 days
Dibutyltin Dilaurate	Chronic EC10 >2 mg/l Fresh water	Algae - Desmodesmus subspicatus	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Methyl Ethyl Ketoxime Octamethylcyclotetrasiloxane	-	2.5 to 5.8 13400	Low Nigh
Dibutyltin Dilaurate	-	2.91	Low

Mobility in soil

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Section 12. Ecological information

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal 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 or landfill should only be considered when recycling is not feasible. This material and its 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.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	UN3082	UN3082
UN proper shipping name	-	-	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Octamethylcyclotetrasiloxane, Dibutyltin Dilaurate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Octamethylcyclotetrasiloxane Dibutyltin Dilaurate). Marine pollutant (Octamethylcyclotetrasiloxane Dibutyltin Dilaurate)
Transport hazard class(es)	-	-	-	9	9
Packing group	-	-	-	Ш	111
Environmental hazards	No.	No.	No.	Yes.	Yes.
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Additional	Fransport in	-	-	This product is	This product is no
information				not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.	regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. <u>Emergency</u> <u>schedules</u> F-A, S F
ansport in bulk ad	to ship of the dange and or	pment, and com person offering erous goods mus n all actions in c	pliance with the ap the product for tra	ackaging must be reviewed oplicable regulations is the s nsport. People loading and of the risks deriving from th situations.	sole responsibility unloading
	Proper	shipping name	e : Not ava	ilahla	
-	i iopei				
IMO instruments	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ntormatia			
MO instruments	Regulatory ii	nformatio			
INO instruments ection 15.				ronmental Data Sheet.	
IMO instruments ection 15. SARA 313 SARA 313 (40 CFI	R 372.45) supplier no			ronmental Data Sheet.	
IMO instruments ection 15. SARA 313 SARA 313 (40 CFI California Prop. 6	R 372.45) supplier no			ronmental Data Sheet.	
IMO instruments Section 15. SARA 313 SARA 313 (40 CFI California Prop. 6 Not applicable.	R 372.45) supplier no 5			ronmental Data Sheet.	
IMO instruments Section 15. SARA 313 SARA 313 (40 CFI California Prop. 6 Not applicable. International regu Montreal Protoco	R 372.45) supplier no 5 Ilations			ronmental Data Sheet.	
IMO instruments Section 15. I SARA 313 SARA 313 (40 CFI California Prop. 6 Not applicable. International regu Montreal Protoco Not listed.	R 372.45) supplier no 5 Ilations	otification can be	found on the Envi	ronmental Data Sheet.	

International lists : Australia inventory (AIIC): Not determined. China inventory (IECSC): Not determined. Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. Korea inventory (KECI): Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined. Taiwan Chemical Substances Inventory (TCSI): Not determined. Thailand inventory: Not determined.

Section 15. Regulatory information

Turkey inventory: Not determined. Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification Justification							
	Justification						
SERIOUS EYE DAMAGE	Calculation method						
SKIN SENSITIZATION - C	Calculation method						
TOXIC TO REPRODUCT	Calculation method						
SPECIFIC TARGET ORG	Calculation method						
SPECIFIC TARGET ORG	Calculation method						
<u>History</u>							
Date of printing							
Date of issue/Date of revision							
Date of previous issue	: 6/12/2023						
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Key to abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations 						

Indicates information that has changed from previously issued version.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements

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Section 16. Other information

are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.