

## SAFETY DATA SHEET

According to the Hazard Communication Standard, 29 CFR 1910.1200

# LACTUCA MS 5000 S

**SDS # :** 083914

## Section 1. Identification

GHS product identifier : LACTUCA MS 5000 S

#### Relevant identified uses of the substance or mixture and uses advised against

Identified uses		
Cutting fluid		
Supplier's details	: TotalEnergies Marketing USA, Inc. 1201 Louisiana St. Suite 1800 Houston, TX 77002 Phone: 713-483-5000	
	ProductSafety@totalenergies.com	

#### Emergency telephone number (with hours of operation)

1-866-928-0789 (For Emergencies, call CARECHEM 24/7 Domestic) 1-215-207-0061 (For Emergencies, call CARECHEM 24/7 International)

## Section 2. Hazards identification

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OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard	
	(29 CFR 1910.1200).	
Classification of the	: EYE IRRITATION - Category 2A	
substance or mixture	SKIN SENSITIZATION - Category 1	
GHS label elements		
Hazard pictograms		
Signal word	: Warning	
Hazard statements	: May cause an allergic skin reaction. Causes serious eye irritation.	
Precautionary statements		
Prevention	: Wear protective gloves. Wear eye or face protection. Avoid breathing vapor.	
Response	: 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	: Not applicable.	
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.	
Hazards not otherwise classified	: None known.	



## Section 3. Composition/information on ingredients

Ingredient name	% (w/w)	CAS number
Distillates (petroleum), hydrotreated heavy paraffinic	≥25 - ≤50	64742-54-7
4-(2-nitrobutyl)morpholine	≤1.5	2224-44-4
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	≤3	61791-39-7
sodium 2-[2-[2-(tetradecyloxy)ethoxy]ethoxy]ethyl sulphate	≤1.4	25446-80-4
Sodium sulfonate	≤3	-

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

Additional : Aqueous solution

## information

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

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

## Section 4. First aid measures

Description of necessar	<u>y first aid measures</u>
Eye contact	<ul> <li>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.</li> </ul>
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 adverse health effects persist or are severe. 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 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. 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 adverse health effects persist or are severe. 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 symptor	ns/effects, acute and delayed
Potential acute health	

Eye contact		: Causes serious eye irritation.			
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Inhalation	: No known significant effects or critical hazards.	
Skin contact	: May cause an allergic skin reaction.	
Ingestion	: No known significant effects or critical hazards.	
Over-exposure signs/symp	<u>itoms</u>	
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	: No specific data.	
Skin contact	: Adverse symptoms may include the following: irritation redness	
Ingestion	: No specific data.	
Indication of immediate med	lical attention and special treatment needed, if necessary	
Notes to physician	<ul> <li>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.</li> </ul>	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	

### See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
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	: carbon oxides (CO, CO <sub>2</sub> ) Mercaptans Hydrogen sulfide sulfur oxides Sodium oxides nitrogen 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, protec	tive equipment and emergency procedures
For non-emergency personnel	: 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.
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".
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 caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	entainment and cleaning up
Small spill	: 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.
Large spill	: 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.

## Section 7. Handling and storage

### Precautions for safe handling

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. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. 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. 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.	



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## Section 8. Exposure controls/personal protection

Contro	parameters

### Occupational exposure limits

Ingredient name		Exposure limits	
	rotreated heavy paraffinic 5-dihydro-, 2-nortall-oil alkyl derivs. xy)ethoxy]ethoxy]ethyl sulphate	ACGIH TLV (United States, 1/2022). [Mineral Oil, pure, highly and severely refined] TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction NIOSH REL (United States, 10/2020). [OIL MIST MINERAL] TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist OSHA PEL (United States, 5/2018). [Oil mist, mineral] TWA: 5 mg/m <sup>3</sup> 8 hours. None. None. None. None. None.	
Advisory OEL	: No known significant effects or cr		
Appropriate engineering controls Environmental exposure controls	<ul> <li>contaminants.</li> <li>Emissions from ventilation or work they comply with the requirements cases, fume scrubbers, filters or end</li> </ul>	<ul> <li>Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</li> <li>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.</li> </ul>	
Individual protection meas	ures		
Hygiene measures	eating, smoking and using the lav Appropriate techniques should be Contaminated work clothing shou contaminated clothing before reus	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	
Eye/face protection	assessment indicates this is nece gases or dusts. If contact is poss	: 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 assessment indicates a higher degree of protection: chemical splash goggles.	
Skin protection	5		
Hand 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.		



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	Hydrocarbon-proof gloves Impermeable butyl rubber gloves Neoprene gloves. Fluorinated rubber nitrile rubber Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Body protection	<ul> <li>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.</li> </ul>
Other skin protection	<ul> <li>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.</li> </ul>
Respiratory protection	: Ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry into confined spaces. In case of insufficient ventilation, wear suitable respiratory equipment. The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.

# Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature ( $20^{\circ}C / 68^{\circ}F$ ) and pressure (1013 hPa) unless otherwise indicated

Α	р	p	e	а	ra	n	С	e	
		-							

<u>Appearance</u>					
Physical state	1	Liqu	id.		
Color	1	Amb	per. [Dark]		
Odor	1	Stro	ng		
Odor threshold	1	Not	available.		
рН	1	Not	available.		
Melting point/freezing point	1	Not	available.		
Pour point	1	-12°	C (10.4°F)		
Boiling point	1	Not	available.		
Flash point	1	Ope	n cup: 203°C (397.4°F) [Cleveland Open Cup (COC)]		
Evaporation rate	1	Not	available.		
Flammability (solid, gas)	:	Not	available.		
Lower and upper explosive (flammable) limits	:	Not	available.		
Vapor pressure	:	Not	available.		
Vapor density	1	Not	available.		
Relative density	1	0.88	37 [ASTM D 1298]		
Density	1	0.88	37 g/cm³ [15°C]		
Solubility(ies)	:				
Media			Result		
water			Soluble		
Miscible with water	:	Forr	ns an emulsion		
Partition coefficient: n- octanol/water	:	Not	applicable.		
Auto-ignition temperature	:	Not	available.		
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Decomposition temperature Viscosity	: Kinematic (40°C (104°F)): 23.2 mm²/s (23.2 cSt) [ASTM D 445]
Flow time (ISO 2431) Particle characteristics	: Not available.
Median particle size	: Not applicable.

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	: No specific data.
Hazardous decomposition products	: carbon oxides (CO, CO <sub>2</sub> ) Mercaptans Hydrogen sulfide sulfur oxides Sodium oxides nitrogen oxides

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/substance	Result	Species	Dose	Exposure	Test
Distillates (petroleum),	LC50 Inhalation Dusts	Rat - Male,	>5 mg/l	4 hours	OECD 403
hydrotreated heavy paraffinic	and mists	Female	-		Read across
	LD50 Dermal	Rabbit - Male,	>5000 mg/kg	-	OECD 402
		Female			Read across
	LD50 Oral	Rat - Male,	>5000 mg/kg	-	OECD 401
		Female			Read across
4-(2-nitrobutyl)morpholine	LC50 Inhalation Dusts and mists	Rat	2.4 mg/l	4 hours	-
	LD50 Dermal	Rabbit	1100 mg/kg	-	-
	LD50 Oral	Rat	620 mg/kg	-	-
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	LD50 Dermal	Rabbit	>2000 mg/kg	-	-
	LD50 Oral	Rat	500 mg/kg	-	-

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

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#### Irritation/Corrosion

sodium 2-[2-[2-(tetradecyloxy)]Skin - Severe irritantRabbit-125 mg-ethoxy]ethoxy]ethyl sulphate	Product/substance	Result	Species	Score	Exposure	Test
		Skin - Severe irritant	Rabbit	-	125 mg	-



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Skin	: Based on available data, the class	fication criteria are not met.
Eyes	: Based on available data, the class	fication criteria are met.
Respiratory	: Based on available data, the class	fication criteria are not met.
Sensitization		
Skin	: Based on available data, the class produce an allergic reaction.	ification criteria are met. Contains sensitizer. May
Respiratory	: Based on available data, the class	ification criteria are not met.
Mutagenicity		
<b>Conclusion/Summary</b>	: Based on available data, the class	fication criteria are not met.
<b>Carcinogenicity</b>		
<b>Conclusion/Summary</b>	: Based on available data, the class	fication criteria are not met.
Reproductive toxicity		
<b>Conclusion/Summary</b>	: Based on available data, the class	fication criteria are not met.
Teratogenicity		
<b>Conclusion/Summary</b>	: Based on available data, the class	ification criteria are not met.
Specific target organ toxic	<u>:ity (single exposure)</u>	
<b>Conclusion/Summary</b>	: Based on available data, the class	ification criteria are not met.
Specific target organ toxic	<u>city (repeated exposure)</u>	
<b>Conclusion/Summary</b>	: Based on available data, the clas	sification criteria are not met.
Aspiration hazard		
Name		Result
Distillates (petroleum), hydr	otreated heavy paraffinic	ASPIRATION HAZARD - Category 1
Conclusion/Summary	: Based on available data, the clas	sification criteria are not met.
Information on the likely routes of exposure	: Not available.	
routes of exposure		
routes of exposure Potential acute health effect	<u>ts</u>	itical hazards.
routes of exposure Potential acute health effect Eye contact	ts : Causes serious eye irritation.	
routes of exposure Potential acute health effect Eye contact Inhalation	ts : Causes serious eye irritation. : No known significant effects or cr	on.
routes of exposure <u>Potential acute health effect</u> Eye contact Inhalation Skin contact Ingestion	ts : Causes serious eye irritation. : No known significant effects or cr : May cause an allergic skin reaction : No known significant effects or cr	on. itical hazards.
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Potential delayed effects	4	Not available.
<u>Long term exposure</u>		
Potential immediate effects	1	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effe	<u>ect</u>	<u>s</u>
Not available.		
General	:	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.
Reproductive toxicity	:	No known significant effects or critical hazards.

## Numerical measures of toxicity

### Acute toxicity estimates

Product/substance	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
LACTUCA MS 5000 S 4-(2-nitrobutyl)morpholine 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	20742.7 620 500	79883.8 1100 N/A	N/A N/A N/A	N/A N/A N/A	174.3 2.4 N/A

#### Other information

Not available.

# Section 12. Ecological information

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### **Toxicity**

Product/substance	Result	Species	Exposure	Test
Distillates (petroleum), hydrotreated heavy paraffinic	Acute EC50 >100 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours	OECD 201
5	Acute EC50 >10000 mg/l	Crustaceans - Daphnia magna	48 hours	OECD 202
	Chronic NOEL >100 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours	OECD 201
	Chronic NOEL >1000 mg/l	Crustaceans - Daphnia magna	21 days	-
4-(2-nitrobutyl)morpholine	Acute EC50 0.844 mg/l	Algae - Pseudokirchneriella subcapitata	96 hours	-
	Acute EC50 1.2 ppm Marine water	Crustaceans - Tisbe battagliai	48 hours	US EPA
	Acute EC50 1.9 mg/l	Daphnia - Daphnia magna	48 hours	-
	Acute LC50 750 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours	US EPA
	Acute NOEC 1.8 mg/l	Daphnia - Daphnia magna	48 hours	-
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	NOEC 0.032 mg/l	Aquatic plants	72 hours	-
	Acute EC50 0.075 mg/l	Algae	72 hours	-
	Acute EC50 2 mg/l	Daphnia - Daphnia magna	48 hours	-
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#### Persistence and degradability

Product/substance	Test	Result		Dose	Inoculum
Distillates (petroleum), hydrotreated heavy paraffinic 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	OECD 301F -	31 % - Not readily - 3 80 % - 28 days	28 days	-	Activated sludge
Product/substance	Aquatic half-life		Photolysis	i	Biodegradability
Distillates (petroleum), hydrotreated heavy paraffinic 1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	-		-		Not readily Readily

#### **Bioaccumulative potential**

Product/substance	LogK <sub>ow</sub>	BCF	Potential
Distillates (petroleum), hydrotreated heavy paraffinic 4-(2-nitrobutyl)morpholine	>4	- 3	high Iow
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.	5.4	-	high

<u>Mobility in soil</u>	
Soil/water partition coefficient (Koc)	: Not available.
Mobility in soil	: Given its physical and chemical characteristics, the product is generally mobile in the ground It may contaminate ground water. the product may evaporate Soluble in water
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.
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## Section 14. Transport information

	DOT Classification	IMDG	ICAO/IATA
UN/ID No	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

### Additional information

Special precautions for user : Transport within user's premises: always transport in 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.

Transport in bulk according : Not available. to IMO instruments

## Section 15. Regulatory information

U.S. Federal regulations	: TSCA 8(a) PAIR: 1-nitropropane			
	TSCA 8(a) CDR Exempt/Partial exemption: Not determined			
	Clean Water Act (CWA) 311: maleic anhydride			
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Listed			
Clean Air Act Section 602 Class I Substances	: Not listed			
Clean Air Act Section 602 Class II Substances	: Not listed			
DEA List I Chemicals (Precursor Chemicals)	: Not listed			
DEA List II Chemicals (Essential Chemicals)	: Not listed			
SARA 302/304				
Composition/information	on ingredients			
No products were found.				
SARA 304 RQ	: Not applicable.			
SARA 311/312				
Classification	: EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1			
Composition/information	on ingredients			
Date of revision : 2023/03/23	1 U	JSA	ENGLISH	11/14



Name	%	Classification	
Distillates (petroleum), hydrotreated heavy paraffinic	≥25 - ≤50	ASPIRATION HAZARD - Category 1	
4-(2-nitrobutyl)morpholine	≤1.5	ACUTE TOXICITY (oral) - Category 4	
		ACUTE TOXICITY (dermal) - Category 4	
		ACUTE TOXICITY (inhalation) - Category 4	
		SKIN IRRITATION - Category 2	
		SERIOUS EYE DAMAGE - Category 1	
		SKIN SENSITIZATION - Category 1	
1H-Imidazole-1-ethanol,	≤3	ACUTE TOXICITY (oral) - Category 4	
4,5-dihydro-, 2-nortall-oil alkyl		EYE IRRITATION - Category 2A	
derivs.		SKIN SENSITIZATION - Category 1B	
sodium 2-[2-[2-(tetradecyloxy)	≤1.4	SKIN IRRITATION - Category 2	
ethoxy]ethoxy]ethyl sulphate		SERIOUS EYE DAMAGE - Category 1	
Sodium sulfonate	≤3	SKIN IRRITATION - Category 2	
		SKIN SENSITIZATION - Category 1B	

State	regu	lations

Massachusetts	: The following components are listed: OIL MIST, MINERAL; OIL MIST, MINERAL
New York	: None of the components are listed.
New Jersey	: The following components are listed: ETHYL ALCOHOL
Pennsylvania	: None of the components are listed.
<u>California Prop. 65</u>	

To the best of our knowledge, this product does not contain any substances known to the State of California to cause cancer, developmental and/or reproductive harm

### International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.				
Montreal Protocol Not listed.				
Stockholm Convention on Persistent Organic Pollutants Not listed.				
Rotterdam Convention on Prior Informed Consent (PIC) Not listed.				
UNECE Aarhus Protocol on POPs and Heavy Met Not listed.	<u>als</u>			
Inventory list				
Australia inventory (AIIC)	: Not determined.			
Canada inventory (DSL/NDSL)	: Not determined.			
China inventory (IECSC)	: Not determined.			
Europe inventory (EC)	: At least one component is not listed.			
Japan inventory	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.			
New Zealand Inventory of Chemicals (NZIoC)	: Not determined.			
Philippines inventory (PICCS)	: Not determined.			
Korea inventory (KECI)	: Not determined.			
Taiwan Chemical Substances Inventory (TCSI)	: Not determined.			



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Thailand inventory Turkey inventory : Not determined.

- : Not determined.
- United States inventory (TSCA 8b) : All components are listed or exempted.

### Vietnam inventory

: Not determined.

The information stated in this section relates solely to the conformity of the chemical product with the countries Inventories. The information used to confirm the inventory status of this product may be based on additional data to the chemical composition shown in Section 3. Other regulations may apply for importation or marketing authorizations.

## Section 16. Other information





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.

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.

#### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

#### Procedure used to derive the classification

Classification	Justification
EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1	Calculation method Calculation method
History	

matory	
Date of revision	: 2023/03/23
previous revision date	: No previous validation
Version	: 1



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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
References	: Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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