## **SAFETY DATA SHEET**

ESTEREX™ A32

# **Ex on Mobil**

Section	1.	Identification

Product name	: ESTEREX™ A32
	See Section 16 for synonyms.
Product description	: synthetic ester
Relevant identified uses of	the substance or mixture and uses advised against
Identified uses	: Base oil
Uses advised against	: This product is not recommended for any industrial, professional or consumer use other than the identified uses above.
Supplier	: ExxonMobil Product Solutions Company (a division of Exxon Mobil Corporation) SDS – LOC. 106 22777 Springwoods Village Parkway Spring, TX 77389-1425 USA
24-Hour emergency telephone number	: 1-800-424-9300 / +1 703-741-5970 / +1-703-527-3887 (CHEMTREC)
Supplier General Contact	: (832) 624-8500
SDS Internet Address	: www.sds.exxonmobil.com

#### Section 2. Hazards identification

OSHA/HCS status	: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	: Not classified.
Hazards not otherwise classified	: None known.
Note	This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

### Section 3. Composition/information on ingredients

Substance/mixture	: Substance
Chemical name	: diisooctyl adipate

Ingredient name	% by weight	CAS number
diisooctyl adipate	100	1330-86-5

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

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 first aid measures** Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. **Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury. Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Potential acute health	effects
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
<u>Over-exposure signs/s</u>	<u>ymptoms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	<ul> <li>Local necrosis as evidenced by delayed onset of pain and tissue damage a few hours after injection.</li> </ul>
Ingestion	: No specific data.
Indication of immediate	medical attention and special treatment needed, if necessary
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large

	quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

#### 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 combustion products	: Incomplete combustion products, Oxides of carbon, Smoke, Fume

2/10

#### Section 5. Fire-fighting measures

Special protective actions for fire-fighters	:	Use standard firefighting procedures and consider the hazards of other involved materials. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Assure an extended cooling down period to prevent re-ignition. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. 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

#### **NOTIFICATION PROCEDURES**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802.

#### Personal precautions, protective 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. 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 containment 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. 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. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants. Warn other shipping. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

### Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8).
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.

### Section 7. Handling and storage

TemperatureTransport Temperature: AmbientTransport Pressure: AmbientConditions 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.Storage Temperature Storage Pressure: Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminum		3	
Temperature       : Ambient         Transport Pressure       : Ambient         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.         Storage Temperature       : Ambient         Suitable Materials and Coatings       : Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminum coatings         Unsuitable Materials and       : Natural Rubber, butyl rubber, Vinyls	Static Accumulator	:	static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of
Transport Pressure: AmbientConditions 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.Storage Temperature Storage Pressure: AmbientSuitable Materials and Coatings: Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminum coatingsUnsuitable Materials and coatings: Natural Rubber, butyl rubber, Vinyls	Loading/Unloading Temperature	:	Ambient
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 	Transport Temperature	1	Ambient
including any incompatibilitiesdirect 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.Storage Temperature Storage Pressure: AmbientSuitable Materials and Coatings: Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminumStorale Materials and Coatings: Natural Rubber, butyl rubber, Vinyls	Transport Pressure	:	Ambient
Storage Pressure       : Ambient         Suitable Materials and Coatings       : Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminum         Unsuitable Materials and       : Natural Rubber, butyl rubber, Vinyls	Conditions for safe storage, including any incompatibilities	:	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
Suitable Materials and Coatings: Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminumUnsuitable Materials and 	Storage Temperature	:	Ambient
Coatings Unsuitable Materials and : Natural Rubber, butyl rubber, Vinyls	Storage Pressure	:	Ambient
	Suitable Materials and Coatings	:	Carbon Steel, Stainless Steel, Nylon, polyethylene, polypropylene, aluminum
		:	Natural Rubber, butyl rubber, Vinyls

### Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
diisooctyl adipate	ExxonMobil (Company). TWA: 5 mg/m <sup>3</sup> 8 hours.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

shields.

Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	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.
Individual protection measure	<u>)</u> S	
Hygiene measures	:	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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
 Eye/face protection
 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: safety glasses with side-

#### **Skin protection**

### Section 8. Exposure controls/personal protection

Hand protection	<ul> <li>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.</li> </ul>
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	: 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 and safety characteristics

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

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

<u>Appearance</u>	
Physical state	: Liquid.
Color	: White
Odor	: Mild
Odor threshold	: Not available.
рН	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: Not available.
Flash point	: Closed cup: 176.67°C (350°F) [ASTM D-93]
Evaporation rate	: Not available.
Flammability	: Ignitable
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: Not available.
Relative vapor density	: Not available.
Relative density	: 0.93 [Calculated]
Solubility in water	: Negligible
Partition coefficient: n- octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: 2.7 cSt [100 °C]
Particle characteristics	
Median particle size	: Not applicable.
Pour point	: -53.89°C [In-house method]

### 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.
Conditions to avoid	: High energy sources of ignition. Excessive heat.
Incompatible materials	: Strong oxidizers
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

	Species	Result	Duration	
LC50 Inhalation Dusts	Rat	>3.2 mg/l	4 hours	
	Rabbit	>5000 mg/kg	_	
LD50 Oral	Rat	>5000 mg/kg	-	
			ally similar materials. Te	
			ally similar materials. Te	
			ally similar materials. Te	
: May cause mild, short-lasting discomfort to eyes. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405				
: Negligible hazard at ambient/normal handling temperatures. No end point data for material.				
: Not expected to be a	: Not expected to be a respiratory sensitizer. No end point data for material.			
: Not expected to cause	e cancer. No end	point data for material.		
	<ul> <li>and mists LD50 Dermal LD50 Oral</li> <li>Minimally Toxic. Data (s) equivalent or simila</li> <li>Negligible irritation to for structurally similar ma</li> <li>May cause mild, short structurally similar ma</li> <li>Negligible hazard at a material.</li> <li>Not expected to be a similar materials. Test</li> <li>Not expected to be a natorial structurally similar ma</li> <li>Not expected to be a natorial Not expected to be a natorial</li> <li>Not expected to be a natorial</li> </ul>	and mists       Rabbit         LD50 Oral       Rabbit         : Minimally Toxic. Data available. Based (s) equivalent or similar to OECD Guide         : Minimally Toxic. Data available. Based (s) equivalent or similar to OECD Guide         : Minimally Toxic. Data available. Based (s) equivalent or similar to OECD Guide         : Negligible irritation to skin at ambient terfor structurally similar materials. Test(s)         : May cause mild, short-lasting discomfor structurally similar materials. Test(s) eq         : Negligible hazard at ambient/normal ha material.         : Not expected to be a skin sensitizer. D similar materials. Test(s) equivalent or similar material.         : Not expected to be a skin sensitizer. D similar materials. Test(s) equivalent or similar material.         : Not expected to be a germ cell mutagel structurally similar materials. Test(s) equivalent or similar materials. Test(s	and mists       Rabbit       >5000 mg/kg         LD50 Oral       Rat       >5000 mg/kg         :       Minimally Toxic. Data available. Based on test data for structure (s) equivalent or similar to OECD Guideline 403       :         :       Minimally Toxic. Data available. Based on test data for structure (s) equivalent or similar to OECD Guideline 402       :         :       Minimally Toxic. Data available. Based on test data for structure (s) equivalent or similar to OECD Guideline 402       :         :       Minimally Toxic. Data available. Based on test data for structure (s) equivalent or similar to OECD Guideline 401         :       Negligible irritation to skin at ambient temperatures. Data available for structurally similar materials. Test(s) equivalent or similar to OE         :       Negligible hazard at ambient/normal handling temperatures. N material.         :       Not expected to be a skin sensitizer. Data available. Based on similar materials. Test(s) equivalent or similar to OECD Guideli         :       Not expected to be a germ cell mutagen. Data available. Based available. Based structurally similar materials. Test(s) equivalent or similar to OE 474 476         :       Not expected to cause cancer. No end point data for material.         :       Not expected to be a reproductive toxicant. Data available. Based structurally similar materials. Test(s) equivalent or similar to OE 474 476	

### Section 11. Toxicological information

Specific target organ toxici	ity	(single exposure)
Conclusion/Summary	1	Not expected to cause organ damage from a single exposure. No end point data for material.
Specific target organ toxici	ity	(repeated exposure)
Conclusion/Summary	:	Not expected to cause organ damage from prolonged or repeated exposure. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 407 408
Aspiration hazard		
Conclusion/Summary	:	Not expected to be an aspiration hazard. Based on physico-chemical properties of the material. Data available.
Other information		
Product	:	Synthetic base oils: Not expected to cause significant health effects under conditions of normal use, based on laboratory studies with the same or similar materials. Not mutagenic or genotoxic. Not sensitizing in test animals and humans.

### Section 12. Ecological information

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

Toxicity				
Conclusion/Summary				
Acute toxicity	: Not expected to	be harmful to aquatic orga	inisms.	
Chronic toxicity	: Not expected to	demonstrate chronic toxic	ity to aquatic organism	IS.
Persistence and degradabil	<u>ity</u>			
Product/ingredient name	Test	Result	Qualifier	Media
diisooctyl adipate	301F Ready Biodegradability - Manometric	70.22 % - 28 days	-	water

	Respirometry Test			
Biodegradability	: Material Exped	ted to be readily biodegradable.		
Hydrolysis	: Material Trans	formation due to hydrolysis not ex	pected to be signifi	cant.
Photolysis	: Material Trans	formation due to photolysis not ex	xpected to be signifi	cant.
Atmospheric Oxidation	: Material Expect	cted to degrade rapidly in air		
<b>Bioaccumulative potential</b>				
Conclusion/Summary	: Material Poten	tial to bioaccumulate is low.		
<u>Mobility in soil</u>				
Mobility	: Material Expect	cted to partition to sediment and w	vastewater solids. N	linimally volatile.
Other ecological information				
Other adverse effects	: No known signifi	cant 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty Container Warning (where applicable): Empty containers may contain residue
--------------------	---

#### Section 13. Disposal considerations

and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

### Section 14. Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Label(s) / Marks				
Packing group	-	-	-	-
Environmental hazards	No.	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 applicable. to IMO instruments

### Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined **Clean Air Act Section 112** : Not listed (b) Hazardous Air **Pollutants (HAPs) Clean Air Act Section 602** : Not listed **Class I Substances Clean Air Act Section 602** : Not listed **Class II Substances DEA List I Chemicals** : Not listed (Precursor Chemicals) **DEA List II Chemicals** : Not listed (Essential Chemicals) SARA 302/304 **Composition/information on ingredients** No products were found. **SARA 304 RQ** : Not applicable. SARA 311/312 Classification : Not applicable. Date of issue/Date of revision : 27 February 2024 Date of previous issue : No previous edition Version :1

8/10

### Section 15. Regulatory information

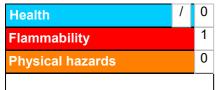
#### SARA 313

This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

State regulations						
Massachusetts	: None of the	: None of the components are listed.				
New York	: None of the	None of the components are listed.				
New Jersey	: None of the	None of the components are listed.				
Pennsylvania	: None of the	None of the components are listed.				
Illinois	: None of the	None of the components are listed.				
Inventory list						
Australia inventory (AIIC)		: All components are listed or exempted.				
Canada inventory (DSL-NDSL)		: All components are listed or exempted.				
China inventory (IECSC)		: All components are listed or exempted.				
Japan inventory (CSCL)		: All components are listed or exempted.				
Japan inventory (Industrial Safety and Health Act)		: All components are listed or exempted.				
New Zealand Inventory of Chemicals (NZIoC)		: All components are listed or exempted.				
Philippines inventory (PICCS)		: All components are listed or exempted.				
Korea inventory (KECI)		: All components are listed or exempted.				
Taiwan Chemical Substances Inventory (TCSI)		: All components are listed or exempted.				
United States inventory (TSCA 8b)		: All components are active or exempted.				

### Section 16. Other information

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



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.)



Procedure used to derive the classification

Not classified.

**History** 

9/10

### Section 16. Other information

Date of issue/Date of revision	: 27 February 2024
Date of previous issue	: No previous edition
Version	: 1
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = 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</li> </ul>
References	: Not available.
Indicates information th	at has changed from proviously issued version

Indicates information that has changed from previously issued version.

#### THIS SDS COVERS THE FOLLOWING MATERIALS :

ISHL (2)-861

Product code	1151727	13604654
	 1131727	_13004034

#### Notice to reader

The information and recommendations contained herein are, to the best of ExxonMobil's knowledge and belief, accurate and reliable as of the date issued. You can contact ExxonMobil to insure that this document is the most current available from ExxonMobil. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted. The term, "ExxonMobil" is used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliates in which they directly or indirectly hold any interest.