# **SAFETY DATA SHEET**

MOBIL JET OIL 387



## Section 1. Identification

: MOBIL JET OIL 387
: synthetic esters and additives
of the substance or mixture and uses advised against
: Aviation lubricating oil, Turbine oil
: This product is not recommended for any industrial, professional or consumer use other than the identified uses above.
: EXXON MOBIL CORPORATION 22777 Springwoods Village Parkway
Spring, TX 77389 USA
: 1-800-424-9300 / +1 703-741-5970 / +1-703-527-3887 (CHEMTREC)
: 800-662-4525

SDS Internet Address	: www.sds.exxonmobil.com

## Section 2. Hazards identification

OSHA/HCS status	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> </ul>
Classification of the substance or mixture	: TOXIC TO REPRODUCTION - Category 2
GHS label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	: H361 - Suspected of damaging fertility or the unborn child.
Precautionary statements	
Prevention	<ul> <li>P201 - Obtain special instructions before use.</li> <li>P202 - Do not handle until all safety precautions have been read and understood.</li> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> </ul>
Response	: P308 + P313 - IF exposed or concerned: Get medical advice or attention.
Storage	: P405 - Store locked up.
Disposal	<ul> <li>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Contains	: tricresyl phosphate
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

: Mixture

Ingredient name	% by weight	Identifiers
tricresyl phosphate	≤3	CAS: 1330-78-5

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. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
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 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	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. 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. Wash clothing before reuse. Clean shoes thoroughly before reuse. Continue to rinse for at least 10 minutes. Get medical attention.
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. 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/ef	fec	<u>sts, acute and delayed</u>
Potential acute health effect	S	
Eye contact		No known significant effects or critical hazards.
Inhalation	1	No known significant effects or critical hazards.
Skin contact		No known significant effects or critical hazards.
Ingestion		No known significant effects or critical hazards.
Over-exposure signs/sympt		—
Eye contact		No specific data.
Inhalation		No specific data.
Skin contact	1.0	Local necrosis as evidenced by delayed onset of pain and tissue damage a few bours

## Skin contact : Local necrosis as evidenced by delayed onset of pain and tissue damage a few hours after injection.

Ingestion : No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

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## Section 4. First aid measures

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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

#### 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	: Aldehydes, Incomplete combustion products, Oxides of carbon, phosphorus oxides, Smoke, Fume
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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
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 materia	als 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.

#### Section 6. Accidental release measures

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. 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.
	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). 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 ingest. Avoid breathing vapor or mist. 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.
Static Accumulator	: This material is a static accumulator. A liquid is typically considered a nonconductive, 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 a liquid.
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 Ingredient name Exposure limits tricresyl phosphate None.

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

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#### Section 8. Exposure controls/personal protection

Appropriate engineering controls	: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.		
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 meas	ures		
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-shields.		
Skin protection			
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. > 8 hours (breakthrough time): Nitrile, minimum 0.38 mm thickness or comparable protective barrier material		
Body protection	: 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.		
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 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 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	: Orange
Odor	: Characteristic
Odor threshold	: Not available.
рН	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: Not available.
Flash point	: Closed cup: 270°C (518°F) [ASTM D-93] Open cup: 246°C (474.8°F) [ASTM D 92]
Evaporation rate	: Not available.
Date of issue/Date of revision	: 16 August 2024 Date of previous issue : 16 July 2024 Version : 1.02 5/11

## Section 9. Physical and chemical properties and safety characteristics

-	
Flammability	: Ignitable
Lower and upper explosion limit/flammability limit	: Not available.
Vapor pressure	: Not available.
Relative vapor density	: Not available.
Relative density	: 0.99
Solubility in water	: Negligible
Partition coefficient: n- octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: 23 cSt [40 °C] [ASTM D 445] 5.2 cSt [100 °C] [ASTM D 445]
Particle characteristics	
Median particle size	: Not applicable.
Pour point	: -54°C

## 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

Conclusion/SummaryInhalation: Minimally Toxic. No end point data for material. Based on assessment of the components.Dermal: Minimally Toxic. No end point data for material. Based on assessment of the components.Oral: Minimally Toxic. No end point data for material. Based on assessment of the components.Oral: Minimally Toxic. No end point data for material. Based on assessment of the components.Irritation/Corrosion:Conclusion/Summary:Skin: Negligible irritation to skin at ambient temperatures. No end point data for material. Based on assessment of the components.Eyes: May cause mild, short-lasting discomfort to eyes. No end point data for material. Based on assessment of the components.Respiratory: Negligible hazard at ambient/normal handling temperatures. No end point data for	Inhalation: Minimally Toxic. No end point data for material. Based on assessment of the components.Dermal: Minimally Toxic. No end point data for material. Based on assessment of the components.Oral: Minimally Toxic. No end point data for material. Based on assessment of the components.Irritation/Corrosion Conclusion/Summary Skin: Negligible irritation to skin at ambient temperatures. No end point data for material.	
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Oralcomponents.Oral: Minimally Toxic. No end point data for material. Based on assessment of the components.Irritation/Corrosion	Oral       : Minimally Toxic. No end point data for material. Based on assessment of the components.         Irritation/Corrosion       : Negligible irritation to skin at ambient temperatures. No end point data for material. Based on assessment of the components.         Skin       : Negligible irritation to skin at ambient temperatures. No end point data for material. Based on assessment of the components.	
Irritation/Corrosion       components.         Conclusion/Summary       Skin         Skin       : Negligible irritation to skin at ambient temperatures. No end point data for material. Based on assessment of the components.         Eyes       : May cause mild, short-lasting discomfort to eyes. No end point data for material. Based on assessment of the components.         Respiratory       : Negligible hazard at ambient/normal handling temperatures. No end point data for	Irritation/Corrosion       components.         Conclusion/Summary       skin         Skin       Negligible irritation to skin at ambient temperatures. No end point data for mate Based on assessment of the components.	
Conclusion/Summary         Skin       : Negligible irritation to skin at ambient temperatures. No end point data for material. Based on assessment of the components.         Eyes       : May cause mild, short-lasting discomfort to eyes. No end point data for material. Based on assessment of the components.         Respiratory       : Negligible hazard at ambient/normal handling temperatures. No end point data for	Conclusion/Summary         Skin       : Negligible irritation to skin at ambient temperatures. No end point data for mate Based on assessment of the components.	
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Eyes       Based on assessment of the components.         Eyes       May cause mild, short-lasting discomfort to eyes. No end point data for material. Based on assessment of the components.         Respiratory       Negligible hazard at ambient/normal handling temperatures. No end point data for	Based on assessment of the components.	
on assessment of the components.         Respiratory       : Negligible hazard at ambient/normal handling temperatures. No end point data for	Eves : May cause mild, short-lasting discomfort to eves. No end point data for materia	rial.
		. Based
material.		for
Respiratory or skin sensitization	Respiratory or skin sensitization	
Conclusion/Summary	Conclusion/Summary	

## Section 11. Toxicological information

Skin	: Not expected to be a skin sensitizer. No end point data for material. Based on assessment of the components.				
Respiratory	: Not expected to be a resp	piratory sensitizer. No ei	nd point data for material.		
Mutagenicity					
Conclusion/Summary	: Not expected to be a gen assessment of the compo		point data for material. Based on		
<b>Carcinogenicity</b>					
Conclusion/Summary	: Not expected to cause ca the components.	ncer. No end point data	for material. Based on assessment o		
Reproductive toxicity					
Conclusion/Summary	: May damage fertility. No components.	end point data for mater	ial. Based on assessment of the		
Specific target organ toxi	<u>icity (single exposure)</u>				
Conclusion/Summary	material.	gan damage from a sing	le exposure. No end point data for		
Specific target organ toxi Product/ingredient name		Catagory	Target organs		
	¢	Category			
MOBIL JET OIL 387		Not applicable.	-		
Conclusion/Summary	: Not expected to cause organ damage from prolonged or repeated exposure. No end point data for material. Based on assessment of the components.				
Conclusion/Summary	: Not expected to be an aspiration hazard. Based on physico-chemical properties of the material. Data available.				
Other information					
Contains	: Tricresyl phosphate (TCP): TCP (<9% ortho isomer) administered to rats by oral gavage in a one-generation reproduction/developmental toxicology study adversely affected both males and females. TCP-treated male rats had decreased sperm concentration and motility, abnormal sperm morphology and adverse histologic changes in the testes and epididymides. Adverse histologic changes were also observed in the ovaries of TCP- treated female rats. The percent of sperm-positive females littering was significantly reduced in the TCP-treatment groups with only one of twenty females in the high dose group delivering young . Developmental parameters were unaffected by TCP exposure. Impaired fertility and decreased sperm motility following TCP treatment have also been reported in a reproduction toxicity study in mice.				
Product	<ul> <li>reported in a reproduction toxicity study in mice.</li> <li>A literature report of a generic jet engine oil containing tri-cresyl phosphate (TCP) with concentrations of ortho-phenol isomers well in excess of those found in this ExxonMobil product noted delayed peripheral nerve system damage in test animals. A current study of an ExxonMobil Jet Oil formulated with a relatively low ortho-phenol isomer content produced no peripheral nerve system damage in test animals. Oral exposure of male rats to a generic jet engine oil containing 3% of a commercial aryl phosphate product had no effect on male reproductive end points (organ weights, histology, sperm morphology or motility).</li> </ul>				

## 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.

<u>Toxicity</u>								
Product/ingredient name	Duration Species Result							
MOBIL JET OIL 387	21 days	21 days daphnia - <i>Daphnia magna</i> Chronic NOEL 1 mg/l						
Conclusion/Summary         Acute toxicity       : Not expected to be harmful to aquatic organisms.         Chronic toxicity       : Not expected to demonstrate chronic toxicity to aquatic organisms.								
Date of issue/Date of revision	: 16 August 2	2024 Date of previous issue	: 16 July 2024	Version	:1.02	7/11		

#### Section 12. Ecological information

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Persistence and degradat	<u>pility</u>
Biodegradability	: Material Expected to be inherently biodegradable
Bioaccumulative potentia	<u>l</u>
Not determined.	
<u>Mobility in soil</u>	
Not determined.	
Other ecological informat	<u>ion</u>
Other adverse effects	: No known significant effects or critical hazards.
Section 13. Disp	osal 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 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 gualified 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	ΙΑΤΑ
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.

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

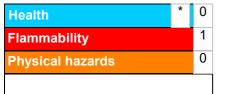
## Section 15. Regulatory information

-			<b>IR</b> : siloxanes and silicones, di-me		
		TSCA 8(a) CDR	K E	Exempt/Partial exemption: Not determined	
TSCA 12(b) - Chemical expo Not applicable.	ort_	notification			
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	:	Not listed			
Clean Air Act Section 602 Class I Substances	-	Not listed			
Clean Air Act Section 602 Class II Substances	1	Not listed			
DEA List I Chemicals (Precursor Chemicals)	1	Not listed			
DEA List II Chemicals (Essential Chemicals)	:	Not listed			
SARA 302/304					
Composition/information of	on	ingredients			
No products were found.					
SARA 304 RQ	: 1	Not applicable.			
<u>SARA 311/312</u>					
Classification	: 1	TOXIC TO REPR	RC	DUCTION - Category 2	
<u>SARA 313</u>					
This material contains no ch Program.	em	icals subject to th	ne	supplier notification requirements of the SARA 313 Toxic Release	
State regulations					
Massachusetts			•	onents are listed.	
New York			•	onents are listed.	
New Jersey		-		ponents are listed: TRICRESYL PHOSPHATE	
Pennsylvania			•	onents are listed.	
Illinois : None of the co		۱p	onents are listed.		
Inventory list					
Australia inventory (AIIC)				All components are listed or exempted.	
Canada inventory (DSL-NE	SI			All components are listed or exempted.	
China inventory (IECSC)		,		Restrictions Apply	
Japan inventory (CSCL)				At least one component is not listed.	
Japan inventory (Industrial Safety and Health Act)				All components are listed or exempted.	
New Zealand Inventory of Chemicals (NZIoC)		emicals :	:	All components are listed or exempted.	
Philippines inventory (PICC	CS)	:	:	Restrictions Apply	
Korea inventory (KECI)		:	:	All components are listed or exempted.	
Taiwan Chemical Substanc (TCSI)	es	Inventory :		All components are listed or exempted.	
United States inventory (TS	SC/	A 8b) :	:	All components are active or exempted.	

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## 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

Classification	Justification
TOXIC TO REPRODUCTION - Category 2	Calculation method

#### New Jersey Right to Know Disclosure

Name	CAS #
tricresyl phosphate	1330-78-5
decanoic acid, mixed esters with heptanoic acid, octanoic acid, pentaerythritol and valeric acid	71010-76-9
decanoic acid, mixed esters with dipentaerythritol, heptanoic acid, octanoic acid and valeric acid	71010-75-8
1-naphthalenamine, n-[(1,1,3,3-tetramethylbutyl)phenyl]-, polymer with 4-octyl-n- (4-octylphenyl)benzenamine	68938-84-1
phosphorus	7723-14-0
9,10-anthracenedione, 1,4-dihydroxy-	81-64-1

History	
Date of issue/Date of revision	: 16 August 2024
Date of previous issue	: 16 July 2024
Version	: 1.02
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	t has changed from previously issued version.
Product code	: 201550101025_1167363

## Section 16. Other information

#### Notice to reader

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