



# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

Product name: NYETORR 5381

Issue date: April-21-2011  
Revision date: June-14-2024  
Version #: 05  
SDS No: NYETORR 5381

## SECTION 1 Chemical product and company identification

<b>Product Name</b>	NYETORR 5381		
<b>Product Code</b>	NYETORR 5381		
<b>Manufacturer/Supplier</b>	Nye Lubricants, Inc.		
<b>Address</b>	12 Howland Road Fairhaven, MA 02719 United States		
<b>Contact person</b>	Nye Lubricants EH&S		
<b>Telephone</b>	General Assistance	+1-508-996-6721	
<b>e-mail</b>	sds@nyelubricants.com		
<b>Emergency telephone number</b>	3E Online	+1-800-451-8346	

### Recommended use and Limitations on use

<b>Recommended use</b>	Lubricating Oil
<b>Issue date</b>	April-21-2011
<b>Revision date</b>	June-14-2024
<b>Supersedes date</b>	September-26-2019

## SECTION 2 Hazards identification

**Emergency overview** Not available.

### GHS hazard categories

Not classified.

### Label elements

**Pictograms** None.

**Signal word** None.

**Hazard statement** The substance does not meet the criteria for classification.

### Precautionary statement

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Safety storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Physical and chemical hazards** The product is stable and non-reactive under normal conditions of use, storage and transport. No unusual fire or explosion hazards noted.

**Health hazards** Expected to be a low ingestion hazard. Direct contact with eyes may cause temporary irritation.

**Environmental hazards** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Supplemental information** None.

## SECTION 3 Composition/information on ingredients

**Substance/mixture** Substance

The components are not hazardous or are below required disclosure limits.

## SECTION 4 First aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

<b>Most important symptoms and health effects</b>	Direct contact with eyes may cause temporary irritation.
<b>Personal protection for first-aid responders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Notes to physician</b>	Treat symptomatically.

## SECTION 5 Fire-fighting measures

<b>Extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Extinguishing media to avoid</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards</b>	During fire, gases hazardous to health may be formed.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk.
<b>Protection of fire-fighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6 Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Wear appropriate personal protective equipment.
<b>For emergency responders</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Clean-up methods and materials and containment measures</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Prevention of secondary hazards</b>	Not available.

## SECTION 7 Handling and storage

<b>Handling</b>	Observe good industrial hygiene practices.
<b>Storage</b>	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8 Exposure controls/personal protection

<b>Exposure limits</b>	
No exposure limits noted for ingredient(s).	
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Monitoring methods</b>	Follow standard monitoring procedures.
<b>Engineering measures</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear suitable protective clothing.



<b>Hygiene measures</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
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**SECTION 9 Physical and chemical properties**

<b>Appearance</b>	Clear.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>Flash point</b>	None, Non-Flammable
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Density</b>	1.91 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Other data</b>	
<b>Explosive properties</b>	Not explosive.
<b>Kinematic viscosity</b>	809.3 cSt
<b>Kinematic viscosity temp</b>	104 °F (40 °C)
<b>Oxidizing properties</b>	Not oxidizing.
<b>Pour point</b>	-22 °F (-30 °C)
<b>Shelf life</b>	4 years

**SECTION 10 Stability and reactivity**

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

**SECTION 11 Toxicological information**

<b>Acute toxicity</b>	Not available.
<b>Routes of exposure</b>	Not available.
<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation.
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Serious eye damage/eye irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin sensitizer</b>	Due to partial or complete lack of data the classification is not possible.
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.

Carcinogenicity	Due to partial or complete lack of data the classification is not possible.
Toxic to reproduction	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity following single exposure	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity following repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Chronic effects	Not available.

SECTION 12 Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this substance.
Bioaccumulation	No data available.
Mobility in soil	No data available for this product.
Other hazardous effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 Disposal considerations

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Local disposal regulations	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

SECTION 14 Transport information

CNDG	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

SECTION 15 Regulatory information

<b>Law of the People's Republic of China on Prevention and Control of Occupational Diseases</b>		
Not regulated.		
<b>Regulations on the Control over Safety of Dangerous Chemicals</b>		
Not regulated.		
<b>Provision on the Environmental Administration of New Chemical Substances</b>		
<b>China Inventory of Existing Chemical Substances</b>		
<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)</b>
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Other regulations	This safety data sheet conforms to the following laws, regulations and standards: Measures for the Safe Use of Chemicals in Workplaces General Rules for Preparation of Precautionary Labels for Chemicals (GB15258-2009 ) Regulations on Labor Protection in Workplaces Where Toxic Products Are Used Packing Symbol of Dangerous Goods(GB190-2009) Regulations on the Control over Safety of Dangerous Chemicals Safety Data Sheet for Chemical Products - Content and Order of Sections (GB/T 16483-2008) Packing - Pictorial Marking for Handling of Goods (GB/T191-2008)
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International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

SECTION 16 Other information

References	EPA: AQUIRE database GB6944-2012: Classification and Code of Dangerous Goods. GB12268-2012: List of Dangerous Goods. NLM: Hazardous Substances Data Base US. IARC Monographs on Occupational Exposures to Chemical Agents
Disclaimer	Nye Lubricants, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.