

## SAFETY DATA SHEET

1. Identification				
GHS product identifier	NYOGEL 774VLF-MS			
Other means of identification				
Product Code	NYOGEL 774VLF-MS			
Recommended use of the chemi		)		
Recommended use	Lubricating Grease			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplier/ Manufacturer	Distributor information			
Company name Address Telephone	Nye Lubricants, Inc. 12 Howland Road Fairhaven, MA 02719 United States General Assistance	508-996-6721		
Website	www.nyelubricants.com			
E-mail	sds@nyelubricants.com			
Contact person	Nye Lubricants EH&S			
Emergency phone number	3E Online	800-451-8346		
2. Hazard(s) identification				
Physical hazards	Not classified.			
Health hazards	Reproductive toxicity		Category 2	
Environmental hazards	Not classified.			
Simplus	Warning			
Signal word	Warning			
Hazard statement		4:1:4		
H361	Suspected of damaging fer	tility of the undorn cr	111 <b>0</b> .	
Precautionary statement Prevention				
P201 P202 P280	Obtain special instructions Do not handle until all safe Wear protective gloves/pro	ty precautions have b		
Response				
P308 + P313	IF exposed or concerned: (	Get medical advice/a	ttention.	
Storage				
P405	Store locked up.			
Disposal				
P501	Dispose of contents/contain	ner in accordance wit	th local/regional/national/inter	national regulations.
Other hazards which do not result in classification	None known.			
Supplemental information	None.			
National/local information	Not available			
3. Composition/information	on on ingredients			
Mixtures				
Chemical identity	Common name and s	synonyms	CAS number	%
ALKYLATED DIPHENYLAMINE			Trade Secret	< 1
Other components below report	able levels			90 - 100

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.	
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.	
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.	
General information	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.	
5. Fire-fighting measures		
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.	
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.	
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.	
General fire hazards	No unusual fire or explosion hazards noted.	
6. Accidental release mea	sures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.	
Methods and materials for containment and cleaning up	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.	
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.	
7. Handling and storage		
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.	
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).	
8. Exposure controls/pers	onal protection	
Occupational exposure limits	No exposure limits noted for ingredient(s).	
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Appropriate engineering controls	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.	
Individual protection measures,	such as personal protective equipment	
Eye/face protection	Chemical respirator with organic vapor cartridge and full facepiece.	
Skin protection Hand protection	Wear appropriate chemical resistant gloves.	
•	Wear appropriate chemical resistant gloves.	

Other

Thermal hazards

### **Respiratory protection**

Use of an impervious apron is recommended.

Chemical respirator with organic vapor cartridge and full facepiece.

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. 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.

## 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Black
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 392.0 °F (> 200.0 °C) ASTM D-92
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.92 g/cm³
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Shelf life	4 years
Specific gravity	2.86 estimated

### 10. Stability and reactivity

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

Information on likely routes of exposure           Inhalation         No adverse effects due to skin contact are expected.           Skin contact         Direct contact with eyes may cause temporary irritation.           Ingestion         Expected to be a low ingestion hazard.           Symptoms related to the physical, chemical and toxicological characteristics         Direct contact with eyes may cause temporary irritation.           Product         Direct contact with eyes may cause temporary irritation.           Product Anaracteristics         Species           Information on toxicological effects         Species           Acute toxicity         Not known.           Product         Species         Test Results           NYOGEL 774VLF-MS         Acute toxicity         Direct contact with eyes may cause temporary irritation.           Soficious eye damagelogo         Direct contact with eyes may cause temporary irritation.           Respiratory easitization         Not a respiratory sensitization.           Respiratory easitization         Not a respiratory sensitization.           Skin sensitization         Not as available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxicity.           Philippines OELs: CarcIntogen category - Not lated.         Not classified.           Reproductive toxicity         Successfied as envinomentally hazardous. However, this does not exclude the	11. Toxicological information	ion	
Skin contact         No adverse effects due to skin contact are expected.           Eye contact         Direct contact with eyes may cause temporary irritation.           Ingestion         Expected to be a low ingestion hazard.           Symptoms related to the physical, chemical and toxicological characteristics         Irred contact with eyes may cause temporary irritation.           Product         Space         Tost Results           Product         Space         Tost Results           NYOGEL 77AVLF-MS         Actuat toxicity         Prolonged skin contact may cause temporary irritation.           Serious eye damageleye         Dred contact with eyes may cause temporary irritation.           Serious eye damageleye         Direct contact with eyes may cause temporary irritation.           Respiratory or skin sensitization         Not are spiratory sensitization         Not are spiratory sensitization           Skin sensitization         This product is not expected to cause skin sensitization.         Not data available to indicate product or any components present at greater than 0.1% are mutagenicity expectery or span toxicity.           Specific target organ toxicity - specific arget space space spiratory as skillater.         Not dassified.           Specific target organ toxicity - specific arget spin sont hazer.         Not assified.           Specific target organ toxicity - specific target spin sont hazer.         Not data available.           Specific	Information on likely routes of e	kposure	
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Specific target organ toxicity - single exposure       Not classified.         Specific target organ toxicity - repeated exposure       Not classified.         Aspiration hazard       Not an aspiration hazard.         Chronic effects       Not available.         12. Ecological information       Ecotoxicity         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Vaste from residues / unused products       Dispose of in accordance with all applicable regulations. Empty containers or liners may retain some products         Waste from residues / unused products       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		en category	
single exposure       Not classified.         Specific target organ toxicity - repeated exposure       Not classified.         Aspiration hazard       Not an aspiration hazard.         Chronic effects       Not available.         12. Ecological information       Ecotoxicity         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 any ingredients in the mixture.         Bioaccumulative potential       No data available.         Mobility in soil       No data available.         Other adverse effects       No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Usaste from residues / unused products       Dispose of in accordance with local regulations. Empty containers 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	Reproductive toxicity	Suspected of damaging fertility or the unborn ch	ild.
repeated exposure       Aspiration hazard       Not an aspiration hazard.         Aspiration hazard       Not an aspiration hazard.         Chronic effects       Not available.         12. Ecological information       Image: Cological 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 any ingredients in the mixture.         Bioaccumulative potential       No data available.         Mobility in soil       No data available.         Other adverse effects       No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Waste from residues / unused product residues. / unused product so 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 containeres should be taken to an approved waste han		Not classified.	
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disposal.	Contaminated packaging	Since emptied containers may retain product res	

## 14. Transport information

#### ADR

Not regulated as dangerous goods.

#### RID

Not regulated as dangerous goods.

# ΙΑΤΑ

Not regulated as dangerous goods.

## IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code

## 15. Regulatory information

#### Sa

-	I regulations specific for the product in question	
CCO Chemical List		
Not regulated.		0 (Demuklis A = 4 0405)
amended thru Dangerous Dr	sential Chemicals (Comprehensive Dangerous Drugs Act of 2002	2 (Republic Act 9165), as
Not listed.		
	s (ODS) (Chemical Control Order, DENR Admin. Order No. 2013-	25)
Not regulated.		
Priority Chemical List (PCL)	(DENR Administrative Order No. 98-58)	
Not regulated.		
International regulations		
Stockholm Convention		
Not applicable. Rotterdam Convention		
Not applicable. Montreal Protocol		
Not applicable.		
Kyoto protocol		
Not applicable. Basel Convention		
Not applicable.		
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Ye
Canada	Domestic Substances List (DSL)	Ye
Canada	Non-Domestic Substances List (NDSL)	N
China	Inventory of Existing Chemical Substances in China (IECSC)	Ye
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	N
Europe	European List of Notified Chemical Substances (ELINCS)	N
Japan	Inventory of Existing and New Chemical Substances (ENCS)	N
Korea	Existing Chemicals List (ECL)	Ye
New Zealand	New Zealand Inventory	Ye
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Ye
	Taiwan Chemical Substance Inventory (TCSI)	Ye
Taiwan	raiwan enemical substance inventory (1981)	

16. Other information	
Issue date	February-20-2023
Version #	01
List of abbreviations	AICIS: Australian Inventory of Industrial Chemicals.

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** 

Product and Company Identification: Product and Company Identification Composition / Information on Ingredients: Ingredients Physical & Chemical Properties: Multiple Properties