SAFETY DATA SHEET



1. Identification

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Product identifier	NYOGEL 975F
Other means of identification	
Product Code	NYOGEL 975F
Recommended use	Lubricating Grease
Recommended restrictions	None known.
Manufacturer/Importer/Supplier	r/Distributor information
Company name	Nye Lubricants, Inc.
	A Member of the FUCHS Group
Address	12 Howland Road
	Fairhaven, MA 02719
	USA
Telephone	+1 508 996 6721
E-mail	sds@fuchs.com
Emergency telephone number	+1 866 519 4752
Access code	334212
Website	www.nyelubricants.com
Supplier	Not available.
2. Hazard identification	
Physical hazards	Not classified.
Health hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Supplemental information	None.
Other hazards	None known.

3. Composition/information on ingredients

Vixtures			
Chemical name	Common name and synonyms	CAS number	%
SILICA, AMORPHOUS, FUMED, 112945-52-5 CRYSTAL-FREE 112945-52-5		112945-52-5	3 - < 5
Other components below re	eportable levels		90 - 100
	nt by weight unless ingredient is a gas. Gas concer is according to regulatory guidelines (see Section 1		

not considered to be hazardous according to regulatory guidelines (see Section 15 of the SDS). This material is not considered to be hazardous according to regulatory guidelines (see Section 15 of the SDS).

4. First-aid measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.

Eye contact Rinse with water. Get medical attention if irritation develops and persists. ingestion Rinse mouth. Get medical attention if symptoms occur. Wost important Direct contact with eyes may cause temporary irritation. symptoms/effects, acute and belayed Treat symptomatically. medication of immediate medical attention and special reatment needed Treat symptomatically. General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. S. Fire-fighting measures Suitable extinguishing media During fire, gases hazardous to health may be formed. Do not use water jet as an extinguisher, as this will spread the fire. Specific flazards arising from the chemical Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Specific frazards Use standard firefighting procedures and consider the hazards of other involved materials. Specific flazards No unusual fire or explosion hazards noted. S. Accidental release measures Personal procautions, ororicelyment and cleaning up Specific methods Stop the flow of material, if this is without risk. Following product recovery, flush area with water for waste disposal, see section 13 of the SDS. Specific methods Stop the flow of material, if this is without risk. Following product recovery, flush area with wa	Skin contact	Wash off with soap and water. Get med	ical attention if irritation dev	elops and persists.
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FUMED, CRYSTAL-FREE (CAS 112945-52-5)		Туре	Value	Form
	FUMED, CRYSTAL-FREE	TWA	3 mg/m3	Respirable fraction.

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lds (or goggles).	
nt gloves.	
ear suitable respiratory equipme	ent.
e clothing, when necessary.	
w	tant gloves. wear suitable respiratory equipme tive clothing, when necessary.

General hygiene considerations

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.

and chemical properties

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9. Physical and chemical	· ·
Appearance	Smooth Clear.
Physical state	Solid.
Form	Solid. Semi-solid
Color	Not available.
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	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
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.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Shelf life	4 years

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Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
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.

11. Toxicological information

Information on likely routes of exposure		
Inhalation	Prolonged inhalation may be harmful.	
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	Direct contact with eyes may cause temporary irritation.	

Information on toxicological effects

Acute toxicity

Components	Species	Test Results	
SILICA, AMORPHOUS, FUMED,	CRYSTAL-FREE (CAS 112945	-52-5)	
<u>Acute</u>			
Oral			
LD50	Rat	> 5000 mg/kg	
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.		
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.		
Respiratory or skin sensitizatio	n		
Canada - Alberta OELs: Irri	tant		
SILICA, AMORPHOUS, (CAS 112945-52-5)	FUMED, CRYSTAL-FREE	Irritant	
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	This product is not expected	to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate mutagenic or genotoxic.	product or any components present at greater than 0.1% are	
Carcinogenicity			
IARC Monographs. Overall	Evaluation of Carcinogenicity	1	
SILICA, AMORPHOUS, (CAS 112945-52-5)	FUMED, CRYSTAL-FREE	3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity	This product is not expected	to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.		

Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard Not an aspiration hazard.		
Chronic effects	Prolonged inhalation may be harmful.	
12. Ecological informatio	n	
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		
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 consideration	ons	

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.	
Local disposal regulations	Dispose in accordance with all applicable regulations.	
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.	
Waste from residues / unused products	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.	

14. Transport information

TDG

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

15. Regulatory information

Not applicable.

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated. Export Control List (CEPA 1999, Schedule 3) Not listed. Greenhouse Gases Not listed. Precursor Control Regulations Not regulated. International regulations Stockholm Convention Not applicable. Rotterdam Convention Not applicable. Kyoto protocol Not applicable. Montreal Protocol

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name On inventory (y	es/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compo	nents of this product comply with the inventory requirements administered by the governing country(s)	

*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).

16. Other	information
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Disclaimer	Nye Lubricants, Inc. A Member of the FUCHS Group 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.