



SAFETY DATA SHEET

Kleenco, Incorporated
Review Date 16-May-2017
Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name Nu-Glass
Product Code 020-0102

Recommended use of the chemical and restrictions on use
Follow label instructions for proper use.

Details of the supplier of the safety data sheet

Kleenco Products, Incorporated
PO Box 12548
Everett, WA 98206
425-883-2976
msds@kleenco.com

Emergency telephone number

Infotrac
800-535-5053

2. HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

OSHA Hazards: Irritant
Target Organs: Skin, eyes, respiratory system
Signal Words: Warning
Pictograms:



GHS Classification:

Carcinogenicity	Category 1
Serious eye damage/eye irritation	Category 2
Skin irritation/corrosion	Category 2
Specific Target Organ Toxicity (repeated exposure)	Category 2

GHS Label Elements, including precautionary statements:

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.
May cause cancer.
Causes damage to organs through prolonged or repeated exposure: respiratory system.

Precautionary Statements:

Wash hands and any exposed skin thoroughly after handling.
Wear eye/face protection.
Wear protective gloves.
Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.

Response:

Eyes	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin	If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
Specific Treatment	See Safety Data Section 4: "FIRST AID MEASURES" for additional information.
Storage	Store locked up. Keep container tightly closed. Keep cool. Store in a well-ventilated place.
Disposal	Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Hazardous Components (Chemical Name)	Concentration
64741-657/6474248-9	Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy	1-10%
68855-54-9	Silica, amorphous, diatomaceous earth	10-30%
53320-86-8	Silicic Acid, Lithium Magnesium Sodium Salt	1-10%
14808-60-7	Crystalline Silica (quartz)	1-10%
14464-46-1	Silica, cristobalite	<1%

All chemicals above cut off point are listed. Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center of physician if you feel unwell.
Ingestion	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, rinse out mouth with water. Get medical attention if you feel unwell. NOTE TO PHYSICIAN. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media	Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.
Specific hazards arising from the chemical.	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products.	May include Carbon monoxide, Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.
Environmental precautions	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods and materials for containment and cleaning up.	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	None established
Engineering Controls	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
PERSONAL PROTECTIVE EQUIPMENT	
Eye/Face Protection	Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields
Skin and Body Protection	Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Nitrile Rubber
Respiratory	If occupational exposure limits are exceeded or respiratory irritation occurs, use of a

Protection	NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations	Wash hands and any exposed skin thoroughly after handling. See 29CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Thick liquid
Odor	Characteristic
Odor threshold	No data
Color	Beige
pH	<10.0
Melting point/freezing point	No data
Initial boiling point and boiling range	No data
Flash point	No data
Evaporation rate	No data
Flammability	Not flammable
Upper/lower flammability or explosive limit	Not explosive
Vapor pressure	No data
Vapor density	No data
Relative density	No data
Solubility	Miscible
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	This material is considered to be non-reactive under normal conditions of use.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Likely routes of exposure	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure	
Eye Contact	Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.
Skin Contact	Prolonged or repeated exposure may cause: Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. May be absorbed through skin and cause target organ effects.
Inhalation	Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. During grinding, scraping, sanding: Silicosis: Signs/symptoms may include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.
Ingestion	Ingestion may cause: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhea and vomiting.

Immediate, Delayed, Chronic Effects	
Product Information	Data not available or insufficient for classification.

Carcinogenicity

Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).

Chemical Name	ACGIH	IARC	NTP	OSHA
Silica, amorphous, diatomaceous earth, CAS# 68855-54-9		Group 3		
Crystalline Silica (quartz), CAS# 14808-60-7	A2	Group 1	Known	X
Silica, cristobalite, CAS# 14464-46-1	A2	Group 1		

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to its Carcinogenicity to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

12. ECOLOGICAL INFORMATION

Hazardous Component >1% Acute Ecotoxicity Information				
Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy CAS# 64741-657/6474248-9	No data	LC 50 220 mg/L, other fish, 96h	No data	No data
Silica, amorphous, diatomaceous earth CAS#68855-54-9	No data	No data	No data	No data
Crystalline silica (quartz), CAS# 14808-60-7	Not known to be ecotoxic.	Not known to be ecotoxic.	Not known to be ecotoxic.	Not known to be ecotoxic.
Silica, cristobalite, CAS# 14464-46-1	No data	No data	No data	No data
Silicic Acid, Lithium Magnesium Sodium Salt, CAS#53320-86-8	EC50 > 100 mg/l, 72 hours similar substance	LC50 Rainbow trout, donaldson trout > 100 mg/l, 96 hours (Oncorhynchus mykiss)		LC50 Daphnia > 100 mg/l, 24 hours mortality > 100 mg/l, 48 hours mobility

Persistence and Degradability	Not Available
Bioaccumulative Potential	Not Available
Mobility in Soil	Not available
PBT and vPvB Assessment	Not Available
Other Adverse Effects	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
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Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
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14. TRANSPORT INFORMATION

US DOT	Not regulated/Compound Cleaning Liquid, NOI, Class 55
IMDG	Not regulated
Marine Pollutant	Not regulated
IATO/ICAO	Not regulated

Special Provisions:	Shipping descriptions may vary based on mode of transport, quantities, package size and/or origin and destination. Limited quantity – Consumer Commodity, ORM-D, DOT-E-173.150. Check with a trained hazardous materials transportation expert for information specific to your situation.
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15. REGULATORY INFORMATION

TSCA INVENTORY STATUS	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
California Proposition 65	Crystalline silica (airborne particles of respirable size) is classified as a substance known to the State of California to be a carcinogen. Crystalline silica (quartz), CAS# 14808-60-7.
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	Contains no listed chemicals above cut off point.
WHMIS Canada	

SARA 311/312 Hazard	Yes/No
Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Chemical Name	CAS#	Weight-%	SARA 313 – Threshold Values %
No components that exceed De Minimis reporting level.			

U.S. State Right-To-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Naphtha (petroleum), heavy alkylate AND/OR Naphtha (petroleum), hydrotreated heavy CAS# 64741-657/6474248-9	X		X
Crystalline silica (quartz), CAS# 14808-60-7	X	X	X
Silicic Acid, Lithium Magnesium Sodium Salt, CAS#53320-86-8	X	X	X

16. OTHER INFORMATION

Revision	Date
Revision 1	05-16-2017

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