

Safety Data Sheet

According to OSHA HazCom Standard [2012]

Printing date 06/04/2024

Version 1

Reviewed on 06/04/2024

1 Identification

Product identifier

Trade name: Lab & Glass

Product code(s): NC2-G, NC2-Q

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Micronova Manufacturing
 3431 West Lomita Boulevard
 Torrance, CA, 90505, USA
 Tel: +1 (310)784-6990
 Fax: +1 (310)784-6980
 Email: dleonard@micronova-mfg.com
 www.micronova-mfg.com

2 Hazard(s) identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

Label elements

GHS label elements Not applicable.

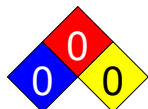
Hazard pictograms Not applicable.

Signal word Not applicable.

Hazard statements Not applicable.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 0
 Fire = 0
 Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 0
 Fire = 0
 Reactivity = 0

Other hazards

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Description: Mixture.

Hazardous Components:

1310-58-3	potassium hydroxide	Skin Corrosion 1A, H314; Acute Toxicity - Oral 4, H302	<0.001%
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Non-Hazardous Components:

7732-18-5	water		50-100%
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4 First-aid measures

Description of first aid measures

After inhalation: Move patient to fresh air, if symptom arise consult a doctor.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

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After swallowing:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: Carbon dioxide (CO2). Dry chemical. Foam.

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up:

Dispose of the collected material according to local regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals

PAC-1:		
1310-58-3	potassium hydroxide	0.18 mg/m ³
PAC-2:		
1310-58-3	potassium hydroxide	2 mg/m ³
PAC-3:		
1310-58-3	potassium hydroxide	54 mg/m ³

7 Handling and storage

Precautions for safe handling

No special measures required.

No special precautions are necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.**Body protection:** Protective work clothing**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information****Appearance:****Form:** Liquid.**Color:** Clear**Odor threshold:** Not determined.**pH-value at 20 °C (68 °F):** 7-9**Melting point/Melting range:** 0 °C (32 °F)**Boiling point/Boiling range:** 99 °C (210.2 °F)**Flash point:** Not determined.**Flammability (solid, gaseous):** Not determined.**Auto-ignition temperature:** Not determined.**Decomposition temperature:** Not determined.**Danger of explosion:** Product does not present an explosion hazard.**Flammability Limits:****Lower:** Not Determined.**Upper:** Not Determined.**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Oxidizing properties** Not determined.**Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)**Density at 20 °C (68 °F):** 1 g/cm³ (8.345 lbs/gal)**Relative density at 20 °C (68 °F)** 1.025

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Vapor density	0.62
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
VOC content:	0.00 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

No data available.
No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No further relevant information available.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification: No further relevant information available.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

NTP (National Toxicology Program)

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability

Proprietary Surfactant: according to OECD 301B (after 28 days >60% ThCO₂), the surfactant is READY BIODEGRADABLE

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Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

UN-Number

DOT, ADR, IMDG, IATA Not applicable.

UN proper shipping name

DOT, ADR, IMDG, IATA Not applicable.

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA
Class Not applicable.

Packing group

DOT, ADR, IMDG, IATA Not applicable.

Environmental hazards: Not applicable.

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Sara

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

USA - TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

Hazardous Air Pollutants

None of the ingredients are listed.

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Proposition 65

Chemicals known to cause cancer:
None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Carcinogenic categories

EPA (Environmental Protection Agency)
None of the ingredients are listed.
TLV (Threshold Limit Value)
None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients are listed.

GHS label elements Not applicable.
Hazard pictograms Not applicable.
Signal word Not applicable.
Hazard statements Not applicable.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact:

Date of preparation / last revision 06/04/2024

Abbreviations and acronyms:

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- Acute Toxicity - Oral 4: Acute toxicity – Category 4
- Skin Corrosion 1A: Skin corrosion/irritation – Category 1A