

SAFETY DATA SHEET

Date issued : 10/17/2014

SDS number : E02

Date revised : 11/19/2021

Revision number : 3

elements Non-Ammoniated Glass Cleaner

1. Identification

Product code: E02

Product identifier: elements Non-Ammoniated Glass Cleaner

Product description: Non-Ammoniated Glass Cleaner

Chemical family: Detergent blend

Relevant identified uses: Indoor and outdoor glass cleaner

Manufacturer / Supplier

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

Emergency Phone: 610-926-4106

Customer Service: 800-548-4568

Transportation: 800-548-4568

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Eye Irritation, Category 2B

Label elements

Signal word: WARNING

Hazard statement(s)

H320: Causes eye irritation.

Precautionary statement(s)

Prevention:

P264: Wash hands thoroughly after handling.

P262: Do not get in eyes, on skin, or on clothing.

P102: Keep out of reach of children.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: Blue liquid

Immediate concerns: Mild eye irritant.

Potential health effects

Eye: Contact may cause eye irritation.

Skin: Skin irritant with prolonged or repeated contact.

Skin absorption: None Expected.

Ingestion: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Inhalation: Mist is irritating to nose, throat and lungs.

Reproductive toxicity

Teratogenic effects: None known.

Carcinogenicity: No listed substance

Mutagenicity: None known.

Routes of entry: Ingestion, eye

Cancer statement: None

Warning caution labels: None

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Caprylyl/Capryl Glucoside	0 - 5	68515-73-1
Surfactant/Complexing Agent Blend	5 - 8	TS
Dye	< 0.1	TS
Water	90 - 98	7732-18-5

4. First-aid measures

Eye: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

Most important symptoms and effects, both acute and delayed

Eye: Burning sensation with tearing, redness.

Skin: Redness and itching sensation.

Ingestion: Irritation of mouth, throat, along with upset stomach, vomiting.

Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

Acute effects: None known.

Chronic effects: No known significant effects or critical hazards.

5. Fire-fighting measures

Flammable class: NA = Not Applicable

Suitable extinguishing media: No special requirements.

Explosion hazards: NA = Not Applicable

Fire fighting procedures: NA = Not Applicable

6. Accidental release measures

Small spill: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental precautions

Water spill: Avoid discharges into open waterways and notify your local emergency services if this occurs.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

7. Handling and storage

General procedures: Close container after use.

Precautions for safe handling: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for safe storage: Store in closed container in an area inaccessible to children.

Storage temperature: Store at ambient temperatures.

8. Exposure controls/personal protection

Appropriate engineering controls: Use in well ventilated area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side shields.

Skin protection - hand protection: Rubber or other chemical resistant gloves.

Respiratory protection: NA = Not Applicable

Skin protection - other: NA = Not Applicable

9. Physical and chemical properties

Physical state: Liquid

Color: Blue

Odor: Characteristic.

Odor threshold: Not Established

pH: 10.5 to 11.5

Freezing point: 32° F; 0° C

Initial boiling point and boiling range: 212° F; 100° C

Flash point: >100C (212F)

Evaporation rate (n-butyl acetate = 1): (Water =1) 1.0

Lower explosion limit / flammability limit: N/A

Vapor pressure: ~ 20 mm Hg at (68°F)

Relative vapor density: > 1 Air = 1

Density: 8.56 at (68°F)

Relative density: 1.026 grams/ml.

Solubility: Complete

Auto-ignition temperature: NA = Not Applicable

Viscosity: Water thin.

Percent volatiles: >98

VOC content: None

10. Stability and reactivity

Reactivity: Stable

Dangerous polymerization: Will not occur.

Chemical stability: No known significant effects or critical hazards.

Conditions to avoid: Strong oxidizing materials.

Hazardous decomposition products: None Expected.

Incompatible materials: Strong oxidizers

11. Toxicological information

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)
Caprylyl/Capryl Glucoside	> 5000 mg/kg (rat)	> 5000 mg/kg (rabbit)

Acute dermal toxicity LD₅₀: No known significant effects or critical hazards.

Acute inhalation toxicity LC₅₀: No known significant effects or critical hazards.

Serious eye damage / irritation: Not Established

Respiratory or skin sensitization: No known significant effects or critical hazards.

Germ cell mutagenicity: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: Not Established

Aquatic toxicity, both acute and chronic: Not Established

Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

For large spills: Consult with local and state authorities for large volume disposal.

Product disposal: See above.

Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

RCRA/EPA waste information: NA = Not Applicable

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Cleaning Compound, not regulated.

U.S. Customs harmonization number: 3402.90.10.00

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

313 reportable ingredients: None

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: NA = Not Applicable

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: NA = Not Applicable

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

California Proposition 65: No listed substance

Carcinogen: No listed substance

16. Other information

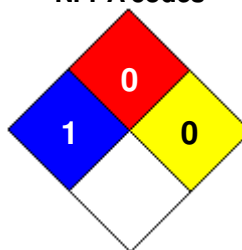
Prepared by: Regulatory Affairs Department Date revised: 11/19/2021

Revision summary: This SDS replaces the 10/14/2020 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	1
Flammability	0
Physical hazard	0
Personal protection	B

NFPA codes



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.