

# SAFETY DATA SHEET

Date Issued : 12/31/2014

SDS No : R02

## elements Ready To Clean Non-Ammoniated Glass Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** elements Ready To Clean Non-Ammoniated Glass Cleaner

**GENERAL USE:** Glass cleaner

**PRODUCT DESCRIPTION:** Non-Ammoniated Glass Cleaner

**PRODUCT CODE:** R02

**CHEMICAL FAMILY:** Alcohol/detergent blend

#### MANUFACTURER

MISCO Products Corporation  
1048 Stinson Drive  
Reading, PA 19605

**Emergency Phone:** 610-926-4106

**Customer Service:** 800-548-4568

**Transportation:** 800-548-4568

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

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

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

#### GHS LABEL

#### HAZARD STATEMENTS

#### PRECAUTIONARY STATEMENT(S)

##### Response:

P314: Get medical advice/attention if you feel unwell.

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container in accordance with local, state and federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Light blue

**IMMEDIATE CONCERNS:** No known significant effects or critical hazards.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause mild eye irritation.

**SKIN:** No known significant effects or critical hazards.

**SKIN ABSORPTION:** No known significant effects or critical hazards.

**INGESTION:** No known significant effects or critical hazards.

**INHALATION:** No known significant effects or critical hazards.

#### REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** No listed substance

**MUTAGENICITY:** None known.

**ROUTES OF ENTRY:** No known significant effects or critical hazards.

**CANCER STATEMENT:** No listed substance

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** None Expected.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Isopropanol	0 - 3	67-63-0
Fragrance	0 - 1	N/A
Dye	< 0.1	N/A
Water	95 - 98	7732-18-5

### 4. FIRST AID MEASURES

**EYES:** Rinse with plenty of water

**SKIN:** Rinse with plenty of water.

**INGESTION:** Rinse mouth. Get medical attention if you feel un-well.

**INHALATION:** Seek medical attention if you feel un-well.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** No known significant effects or critical hazards.

**INHALATION:** No known significant effects or critical hazards.

**ACUTE TOXICITY:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**EXTINGUISHING MEDIA:** No special requirements.

**EXPLOSION HAZARDS:** None

**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:** No known significant effects or critical hazards.

**LAND SPILL:** No known significant effects or critical hazards.

**AIR SPILL:** NA = Not Applicable

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** No special requirements.

**STORAGE:** Store in closed container in an area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Isopropanol	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL

**ENGINEERING CONTROLS:** No special requirements.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** No special requirements.

**RESPIRATORY:** No special requirements.

**PROTECTIVE CLOTHING:** NA = Not Applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Lavender

**ODOR THRESHOLD:** Not Established

**COLOR:** Light blue

**pH:** 10.5 to 11.5

**PERCENT VOLATILE:** >98

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)

**VAPOR DENSITY:** > 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.26 at (68°F)

**SPECIFIC GRAVITY:** 0.99 grams/ml.

**VISCOSITY:** Water thin.

**(VOC):** 2.800 % by weight

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under normal storage and use conditions.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

**INCOMPATIBLE MATERIALS:** None known.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Isopropanol	5045 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm

**EYES:** Not Established

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**SKIN ABSORPTION:** No known significant effects or critical hazards.

**INHALATION LC<sub>50</sub>:** No known significant effects or critical hazards.

**EYE EFFECTS:** No known significant effects or critical hazards.

**SKIN EFFECTS:** No known significant effects or critical hazards.

**CHRONIC:** No known significant effects or critical hazards.

**IRRITATION:** Not Established

**SENSITIZATION:** No known significant effects or critical hazards.

**NEUROTOXICITY:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** No known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** 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:** Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3402.90.10.00

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** NA = Not Applicable

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Isopropanol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** No listed substance

**CARCINOGEN:** No listed substance

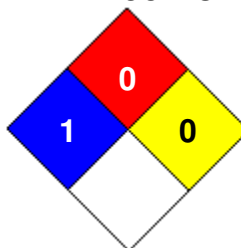
**16. OTHER INFORMATION**

**PREPARED BY:** Regulatory Affairs Department

**HMIS RATING**

<b>HEALTH</b>	<input type="text"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	<b>A</b>

**NFPA CODES**



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