

SAFETY DATA SHEET

Date Issued : 01/05/2015

SDS No : R01

elements Ready To Clean Peroxide Powered Cleaner Degreaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: elements Ready To Clean Peroxide Powered Cleaner Degreaser

GENERAL USE: Cleaner/Degreaser

PRODUCT DESCRIPTION: Peroxide Powered Cleaner Degreaser

PRODUCT CODE: R01

CHEMICAL FAMILY: Hydrogen Peroxide/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

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 according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear Liquid

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethoxylate Alcohol C9-11	0 - 1	68439-46-3
Sodium Octanesulfonate	0 - 1	5324-84-5
Hydrogen Peroxide	0 - 1	7722-84-1
Fragrance	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 EFFECTS: 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				
Chemical Name	Type		ppm	mg/m ³
Hydrogen Peroxide	OSHA PEL	TWA	1	1.4
	ACGIH TLV	TWA	1	1.4
	Supplier OEL	TWA	NL	NL
		STEL	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: Citrus
ODOR THRESHOLD: Not Established
COLOR: Water Clear
pH: 4.0 to 6.0
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: 8.34 at (68°F)
SPECIFIC GRAVITY: 1 grams/ml.
VISCOSITY: Water thin.
(VOC): 0.04 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable under normal storage and use conditions.
CONDITIONS TO AVOID: None
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Ethoxylate Alcohol C9-11	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available
Hydrogen Peroxide	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	

DERMAL LD₅₀: No known significant effects or critical hazards.

INHALATION LC₅₀: No known significant effects or critical hazards.

SERIOUS EYE DAMAGE/IRRITATION: Not Established

RESPIRATORY OR SKIN SENSITISATION: No known significant effects or critical hazards.

GERM CELL MUTAGENICITY: No known significant effects or critical hazards.

CARCINOGENICITY

Chemical Name	IARC Status
Hydrogen Peroxide	Group 3 - Not classifiable as to its carcinogenicity to Humans

REPRODUCTIVE TOXICITY: 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

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
Hydrogen Peroxide	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance

CALIFORNIA PROPOSITION 65: No listed substance

CARCINOGEN: No listed substance

16. OTHER INFORMATION

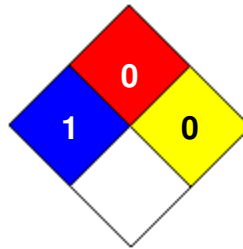
PREPARED BY: Regulatory Affairs Department

Date Prepared: 01/05/2015

HMIS RATING

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

NFPA CODES



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