

# MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION NUMBER: (800) 860-1537

REVISION DATE: October 15, 2013  
DATE OF ISSUE: May 15, 2014

## I - Product Identification

### Zero

**CHEMICAL FORMULATION:** Water based cleaner.

**NFPA HAZARD IDENTIFICATION SYSTEM:** **HEALTH:** 1                      **FLAMMABILITY:** 0                      **REACTIVITY:** 0  
**HAZARD RATING:**                      4 - Extreme;                      3 - High;                      2 - Moderate;                      1 - Slight;                      0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Surfactant blend	5.0-10.0	N/E	N/E	N	N	N	Proprietary
Triethanolamine	1.0-5.0	N/E	5 mg/m <sup>3</sup>	N	N	N	102-71-6

Key: **PEL:** Permissible Exposure Limit    **TLV:** Threshold Limit Value    **C:** Ceiling level    **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable    **N/D:** Not Determined    **N/E:** Not Established    **Y:** Yes    **N:** No  
**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
**355:** SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
**372:** SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

**BOILING POINT (°F):** N/D                      **SPECIFIC GRAVITY (WATER = 1):** 1.04  
**VAPOR PRESSURE (mm Hg):** N/D                      **VOC CONTENT (% by weight):** < 0.2  
**VAPOR DENSITY (AIR = 1):** N/D                      **EVAPORATION RATE (WATER = 1):** ~ 1.0  
**SOLUBILITY IN WATER:** Soluble                      **pH:** > 12.0  
**APPEARANCE AND ODOR:** Clear, green liquid; mildly soapy fragrance.

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** N/D                      **(TEST METHOD):** Closed cup  
**FLAMMABLE LIMITS IN AIR (VOLUME %)**    **UPPER:** N/A    **LOWER:** N/A  
**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.  
**UNUSUAL FIRE AND EXPLOSION HAZARD:** None.

PRODUCT NAME: Zero

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## V - Reactivity Data

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**STABILITY:** Stable

**INCOMPATIBILITY:** Strong acids.

**CONDITIONS TO AVOID:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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## VI - Health Hazard Data

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**ROUTES OF ENTRY INHALATION:**            **EYE CONTACT:** X    **SKIN CONTACT:** X    **INGESTION:**  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Mild irritation and redness.

**IF ON SKIN:** Redness and irritation, with prolonged or repeated exposure.

**IF SWALLOWED:** Gastrointestinal irritation, nausea, cramps, vomiting.

**IF INHALED:** None under normal use.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Rinse mouth with water. Give affected person one to two glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air.

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## VII - Spill or Leak Protection

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal or flush away with water.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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## VIII - Special Protection Information

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.

**VENTILATION**

**LOCAL:** Not required

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** None needed under normal use.

**EYE PROTECTION:** None needed under normal use.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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## IX - Transportation Information (ground transportation only)

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**DOT ID NUMBER:** None

**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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**REVISION DATE:** October 15, 2013

**Prepared by:** Technical Dept.

**DATE OF ISSUE:** May 15, 2014

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