

## SECTION I: PRODUCT IDENTIFICATION

**Product Name:** actoCLEANSE™      **Size:** All

**Manufacturer:** ARCTECH, Inc.      **Creation Date:** 7/29/2010  
**Address:** 2348 Eastover Drive      **Revision Date:** 01/07/2014  
P.O. Box 323  
South Boston, VA 24592

**For more Information call:** (703) 222-0280

## SECTION V: HEALTH HAZARD DATA

**OSHAPEL:** 2 mg/m<sup>3</sup>  
**STEL:** None established  
**TLV:** 2 mg/m<sup>3</sup>  
**Carcinogenicity:** NTP: No  
IARC: No  
ZLIST: No  
OSHA Reg: No

**Routes of Entry:** Lung (breathing), ingestion (swallowing), skin and eye contact

**Toxicity Data:** None established

**Symptoms of Overexposure:** Dizziness and headache, nausea and vomiting, eye irritation

**Acute Effects:** Causes eye and skin irritation. Can cause ulceration and burns to mouth, throat, stomach, respiratory system, skin and eyes

**Reproductive Effects:** None identified

**First Aid:** **Eyes** - Immediately flush with large amounts of water for at least 15 minutes. Call a physician.  
**Inhalation** - remove to fresh air; if not breathing give artificial respiration, and if breathing is difficult, give oxygen. Call a physician.  
**Skin Contact** - Wash thoroughly with soap and water. Wash clothing before reuse.

**SARA Title III Hazards List:** Acute: Yes      Chronic: Yes  
Flammability: No      Pressure: No  
Reactivity: No

**Extremely Hazardous Substance:** No  
**CERCLA Hazardous Substance:** No  
**SARA313 Toxic Chemicals:** No  
**TSCA Inventory:** No

## SECTION II: COMPONENTS

Hazardous Component: Aqueous Basic proprietary ingredients

## SECTION III: PHYSICAL DATA

**Appearance and Odor:** Black Liquid; odorless  
**Boiling Point:** 230°F (110° C)  
**Melting Point:** 14°F (-10°C)  
**Solubility in Water (77°F):** Soluble (100%)  
**Specific Gravity (H<sub>2</sub>O=1):** 1.0-1.3  
**Vapor Pressure:** 12mm Hg (77°F, 25°C)  
**Vapor Density (Air=1):** N/A  
**Evaporation Rate:** N/A  
**Percent Volatile:** 69-97%  
**pH:** 14.0  
**Physical State:** Liquid

## SECTION VI: REACTIVITY DATA

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Incompatibilities:** Acids, Strong oxidizing agents, zinc, aluminum.

**Hazardous Combustion or Conditions to Avoid:** None

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** N/A  
**Autoignition Temperature:** N/A  
**Flammable Limits:** **Upper:** N/A      **Lower:** N/A  
**Flammability:** actoCLEANSE® is a non-flammable liquid. It will not support combustion

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder

**Special Fire Fighting Procedures:** Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosive Hazards:** Can react with metals to produce hydrogen gas which can form explosive mixture with air.

**Explosion Data, Sensitivity:** **Impact:**      **Static Discharge:**  
None      None

## SECTION VII: SPILL AND DISPOSAL PROCEDURES

**Steps to be Taken if Material is Spilled:** Wear self-contained breathing apparatus and suitable eye and foot protection and rubber gloves. Carefully neutralize spill with appropriate spill kit. Cover spill area with absorbent material. Wash spill site after material pickup is complete.

**Disposal Procedure:** Dispose in accordance with all applicable federal, state and local regulations.

## SECTION VIII: INDUSTRIAL PROTECTIVE EQUIPMENT

**Ventilation:** Use general or local exhaust ventilation. None required except in misting conditions where a dust/mist respirator is recommended. If airborne concentration exceeds TLV, a self-contained breathing apparatus is advised.

**Respiratory Protection:** Safety goggles/face shield and rubber gloves are recommended

**Eye/Skin Protection:** Safety goggles/face shield and rubber gloves are recommended

## SECTION IX: STORAGE AND HANDLING DATA

**Storage Requirements:** Keep container closed. Suitable for storage in caustic chemicals storage area.

**Special Precautions:** None identified.

## SECTION X: TRANSPORTATION DATA AND ADDITIONAL INFORMATION

**Domestic (DOT) Shipping:** Hazard Class: 8; Label: Corrosive  
**International (IMO):** Hazard Class: 8; Label: Corrosive  
Marine Pollutants: No

**Air (ICAO):** Hazard Class: 8; Label: Corrosive  
**UN Number:** 1814

**N/A=** Not applicable, not available

**N/E=** Not established

**N/D=** Not Determined

*The above information, data and recommendations contained herein, are believed to be correct, but are not all-inclusive, and shall be used only as a guide. ARCTECH shall not be held liable for any damage resulting from use, handling or contact with the above product. ARCTECH disclaims any warranties, expressed or implied with regard to the products supplied hereunder, their merchantability or fitness for any particular purpose.*