

# SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Actshine HD Degreaser  
ITEM: CH1780101  
RECOMMENDED USE: Cleaner/Degreaser

DATE ISSUED :	12/17/2015
SDS REF. No :	801

**SUPPLIER:**  
Chem Mark of Long Beach  
8210 Electric Ave.  
Stanton, CA 90680

**24 HR. EMERGENCY TELEPHONE NUMBER:**  
INFOTRAC (US Transportation): (800) 535-5053  
**NON-EMERGENCY TELEPHONE NUMBER:**  
(714) 220-2436

## 2. HAZARDS INGREDIENTS & IDENTIFICATION

### GHS CLASSIFICATION:

Product AS SOLD  
Eye irritation Category 2B

Product AT USE DILUTION  
Not a hazardous substance or mixture

### GHS LABEL ELEMENT

Product AS SOLD  
Signal Word Warning

Hazard statements: Causes eye irritation

### PRECAUTIONARY STATEMENTS:

PREVENTION: Wash skin thoroughly after handling.  
RESPONSE: Get medical advice/attention if you feel unwell.  
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

OTHER HAZARDS: May be harmful if swallowed.  
May be harmful if absorbed through skin.  
Inhalation of vapors or mist may cause respiratory irritation.  
Keep out of reach of children.

STORAGE: Store in accordance to local regulations.  
DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.  
EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

## 3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight%
Water	7732-18-5	60-100
tetrapotassium pyrophosphate	7320-34-5	1-5
2-(2-Butoxyethoxy) ethanol	112-34-5	1-5
tetrasodium ethylenediaminetetraacetate	64-02-8	<1.0
sodium xylene sulfonate	1310-73-2	1-5
sodium silicate	1344-09-8	1-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

## 4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Rinse with plenty of water.  
SKIN : Rinse with plenty of water.  
INGESTION : Rinse mouth. Get medical attention if symptoms occur.  
INHALATION : Get medical attention if symptoms occur.  
NOTES TO PHYSICIAN: Treat symptomatically.

## 5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.  
UNSUITABLE EXTINGUISHING MEDIA: None Known

**SPECIFIC HAZARDS DURING FIRE FIGHTING:** Not flammable or combustible.  
**HAZARDOUS COMBUSTION PRODUCTS:** None Known  
**FIRE FIGHTING EQUIPMENT :** Avoid breathing of vapors. Apply water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.  
**SPECIAL EXTINGUISHING:** Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.  
**OTHER CONSIDERATIONS :** If material is released, area will become slippery.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PRODCDURES:** Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.  
**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.  
**WATER DI SPOSAL METHOD:** Dispose of according to local, state and federal regulations. Wear protective equipment as needed.  
**ENVIRONMENTAL PRECAUTIONS:** Do not allow contact with soil, surface or ground water.

## 7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

**SAFE HANDLING:** Wash hands thoroughly after handling.  
**GENERAL PROCEDURES :** Store in original container in an upright position in a cool, dry area inaccessible to children and pets. Keep away from direct sunlight and freezing conditions. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals.  
**STORAGE TEMPERATURE:** 0 °C to 50 °C

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

### OCCUPATIONAL EXPOSURE LIMITS:

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	NIOSH
2-(2-Butoxyethoxy) ethanol	112-34-5	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

**OSHA TABLE COMMENTS:** NL = Not Listed  
**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### PERSONAL PROTECTIVE EQUIPMENT:

**EYES AND FACE:** No special protective equipment required.  
**HAND:** No special protective equipment required.  
**SKIN:** No special protective equipment required.  
**RESPIRATORY:** No personal respiratory protective equipment normally required.  
**WORK HYGIENIC PRACTICES:** Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.  
**OTHER USE PRECAUTIONS:** Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPERANCE/PHYSICAL STATE:** Liquid  
**COLOR:** Red  
**ODOR:** Honeysuckle  
**pH:** 13.5  
**FLASH POINT:** None  
**ODOR THRESHOLD:** No Data Available  
**MELTING POINT/FREEZING POINT:** No Data Available  
**BOILING POINT:** >212°F  
**EVAPORATION RATE:** (Water=1): >1 (slower than water)  
**FLAMMABILITY (SOLID, GAS):** No Data Available  
**UPPER EXPLOSION LIMIT:** No Data Available  
**SPECIFIC GRAVITY:** (H<sub>2</sub>O=1): 1.05  
**LOWER EXPLOSION LIMIT:** No Data Available  
**VAPOR PRESSURE:** No Data Available  
**RELATIVE VAPOR DENSITY:** (Air=1): >1 (heavier than air)  
**RELATIVE DENSITY:** No Data Available  
**WATER SOLUBILITY:** 100%  
**SOLUBILITY IN OTHER SOLVENTS:** No Data Available  
**PARTITION COEFFICIENT: N-OCTANOLI/WATER:** No Data Available  
**AUTOIGNITION TEMPERATURE:** No Data Available

THERMAL DECOMPOSITION: No Data Available  
 VISCOSITY, KINEMATIC: No Data Available  
 EXPLOSIVE PROPERTIES: No Data Available  
 OXIDIZING PROPERTIES: No Data Available  
 MOLECULAR WEIGHT: No Data Available  
 VOC: No Data Available

## 10. STABILITY AND REACTIVITY

STABILITY : Stable  
 HAZARDOUS POLYMERIZATION : Will NOT Occur  
 CONDITIONS TO AVOID : Extreme heat or flame. Avoid contact with soft metals. Keep from freezing.  
 POLYMERIZATION : Will NOT Occur  
 HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, Nitrogen  
 INCOMPATIBLE MATERIALS : None.

## 11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Ingestion, Eye contact, Skin contact.

### SYMPTOMS OF EXPOSURE:

Eye Contact: Causes eye irritation.  
 Skin Contact: May cause irritation.  
 Ingestion: Pain, nausea, vomiting and diarrhea  
 Inhalation: May cause nasal discomfort and coughing.

### IMMEDIATE, DELAYED, CHRONIC EFFECTS:

Product Information: Data not available for insufficient for classification.

### TARGET ORGAN EFFECTS:

Eyes. Respiratory System. Skin. Blood. Central Nervous System.  
 Hematopoietic System. Kidney. Liver.

### NUMERICAL MEASURES OF TOXICITY:

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 6195 mg/kg  
 ATEmix (dermal): 13585 mg/kg  
 ATEmix (inhalation-dust/mist): 29.7 mg/L  
 ATEmix (inhalation-vapor): 74.2 mg/L

### COMPONENT ACUTE TOXICITY INFORMATION

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
Water	7732-18-5	>90 mL/kg (Rat)	Not Available	Not Available
2-(2-Butoxyethoxy) ethanol	112-34-5	=470 mg/kg (Rat)	=2270 mg/kg (Rat) =220 mg/kg (Rabbit)	=2.21 mg/L (Rat) 4 h =450 ppm (Rat) 4 h

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION:

This product has no known ecotoxicological effects. Non Identified

### ECOTOXICITY

Chemical Name (CAS)	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
2-(2-Butoxyethoxy) ethanol (112-34-5)	Not Available	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	Not Available	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

Persistence and Degradability: No Informatin Available  
Bioaccumulation: No Informatin Available  
Other Adverse Effects: No Informatin Available

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.  
 EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.  
 RCRA/EPA WASTE INFORMATION: N/A

**14. TRANSPORT INFORMATION**

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)

LAND TRANSPORT:  
Not dangerous goods

SEA TRANSPORT (IMDG/IMO):

Not dangerous goods

**15. REGULATORY INFORMATION**

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW  
CERCLA REPORTABLE QUANTITY

Chemical Name	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
None	N/A	N/A	N/A

**UNITED STATES:**

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All Chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazard Categories:**

Acute Health Hazard: Yes  
Chronic Health Hazard: Yes  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** This product contains the following listed substances:

2-(2-Butoxyethoxy) ethanol CAS No 112-34-5 applies to R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>-OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate, Chemical Category N230

**CALIFORNIA PROP 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**16. OTHER INFORMATION**

NFPA Health Hazards: 2 Flammability: 0 Instability: 0 Special: N/A  
HMIS Health Hazards: 2 Flammability: 0 Physical Hazards: 0

Revision Date: 6/3/2015

Reasons For Revision: No Information Available

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