

SOFT-N-SOUR

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SOFT-N-SOUR
PRODUCT USE : Acidic Laundry Softener
PRODUCT DESCRIPTION : Light green solution with floral fragrance.
WHMIS CLASSIFICATION: E - Corrosive Material

MANUFACTURER : CESCO SOLUTIONS, INC.
ADDRESS : 2227 Midway Lane, Bellingham, WA 98226

EMERGENCY PHONE : 1-800-424-9300
INFORMATION PHONE : (360) 733-7478

2. HAZARDS IDENTIFICATION

SIGNAL WORD: Warning



HAZARD STATEMENT: May cause severe eye and skin burns.
Harmful if swallowed.
Corrosive.

POTENTIAL HEALTH EFFECTS

EYES:

Causes severe burns to eyes. Eye damage may be permanent.

SKIN:

Contact with skin can cause burns and/or irritation. The degree of damage depends upon the length of contact.

INGESTION:

Harmful if swallowed. Ingestion may cause burns to the mouth and esophagus.

INHALATION:

Vapors are corrosive and irritating to the respiratory tract. Inhalation of mist may burn the mucous membranes of the nose and throat.

MEDICAL CONDITIONS AGGRAVATED:

N/AV

CHRONIC (CANCER) INFORMATION:

There is no data available on the chronic effects of ingestion of this material.

CESCO SOLUTIONS, INC.
SOFT-N-SOUR

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TERATOLOGY (BIRTH DEFECT) INFORMATION:

No Information.

REPRODUCTION INFORMATION:

No Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	WT%
PHOSPHORIC ACID, 75-86%	7664-38-2	10 - 20%
OSHA PEL-1MG/M3 OSHA STEL-3MG/M3 ACGIH TLV-1MG/M3 ACGIH STEL-3MG/M3		

4. FIRST AID MEASURES

EYES:

Wash eyes immediately with plenty of running water for 15-20 minutes, or until no evidence of chemical remains, including under eyelids. Remove any contact lenses at once. Speed in beginning the eyewash is essential if permanent injury is to be avoided. In case of chemical burns, apply sterile bandages loosely to eyes without medication. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN:

Flush contaminated skin with water for 15 minutes, or until no evidence of chemical remains. Remove contaminated clothing under the shower immediately. Prolong washing in serious cases until doctor arrives. GET MEDICAL CARE FOR EVIDENCE OF BURNING. If evidence of chemical burn exists, cover with sterile, dry dressing. Bandage securely, but not too tightly.

INGESTION:

Do not induce vomiting. Drink a large glass of water. Treat symptomatically and supportively. GET MEDICAL ATTENTION IMMEDIATELY. CAUTION: IF UNCONSCIOUS OR HAVING TROUBLE BREATHING OR IN CONVULSIONS, DO NOT INDUCE VOMITING OR GIVE WATER.

INHALATION:

Remove from exposure to mist. If breathing has stopped, provide artificial respiration. Keep the person warm and at rest. OBTAIN IMMEDIATE MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A Method: N/A

FLAMMABLE LIMITS: Lower: N/A Upper: N/A

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition products expected to produce oxides of carbon, nitrogen and phosphorous. Exposure to heat may generate ammonia fumes.

EXTINGUISHING MEDIA:

Use water spray to absorb corrosive vapors. Use media appropriate for surrounding material. Use water spray to cool containers exposed to fire from as far a distance as possible. DO NOT get water inside containers.

FIREFIGHTING INSTRUCTIONS:

SCBA recommended with a full face piece operated in pressure-demand mode or other positive pressure mode. Wear full protective clothing. Run-off may cause pollution. Dike to contain run-off for proper handling as stated in Section 7.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product contains a flammable solvent. Vapors may be released and travel long distances, ignite and flash back.

SENSITIVE TO STATIC DISCHARGE:

No Information

SENSITIVE TO IMPACT

N/AV

6. ACCIDENTAL RELEASE MEASURES

Do not touch spilled material. Stop leak if you can without risk. For SMALL SPILLS pick up spill with vacuum equipment (acid resistant) for disposal, or flush to holding area with water. Neutralize residues with lime or soda ash and rinse with water.

For LARGER SPILLS, dike far ahead of spill for later disposal. Keep unnecessary people away from area. Isolate hazard area and deny entry. Remove ignition source, ventilate area. Dike and absorb spill.

7. HANDLING AND STORAGE

Store in well sealed containers which are protected from physical damage. Avoid handling conditions that can lead to spills or mist formation. Drains must have retention basins for pH adjustment and neutralization of spilled materials and flushings prior to discharge. Have abundant running water available where material is stored, unloaded or handled. Store above the freezing point of water. Avoid contact with incompatible chemicals listed in Section 10. DO NOT permit workers to handle ACID solutions without proper training and proper equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide natural or mechanical ventilation to minimize exposure, especially where possibility of mist formation exists. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design exhaust systems.

RESPIRATORY PROTECTION:

None needed for normal operating conditions.

SKIN PROTECTION:

Apron or protective clothing, and rubber boots (tops covered by apron or clothing to prevent entrance of material).

EYE PROTECTION:

Employee must wear splash proof and/or dust-resistant safety goggles with a full face-shield to prevent eye contact with this substance. DO NOT WEAR CONTACT LENSES.

PROTECTIVE GLOVES:

Employee must wear appropriate protective gloves to prevent contact with this substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/AV

APPEARANCE & ODOR: Light green solution with floral fragrance.

VAPOR DENSITY: N/AV

VAPOR PRESSURE: N/AV

SPECIFIC GRAVITY: 1.026

pH: 1.0 - 2.0 (Neat)

SOLUBILITY IN WATER: Complete.

VOC: N/AV

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Flammable hydrogen gas may be generated upon contact with metals such as aluminum, tin and zinc. Keep away from heat, sparks or open flame. Avoid strong oxidizing agents.

INCOMPATIBILITY:

Strong oxidizers. This product is acidic - avoid contact with alkaline materials. Addition of water may cause spattering. Prolonged contact with metals such as aluminum, tin, lead and zinc may produce hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products expected to produce oxides of carbon, nitrogen and phosphorous. Exposure to heat may generate ammonia fumes.

HAZARDOUS POLYMERIZATION:

Has not been reported to occur.

11. TOXICOLOGICAL INFORMATION

CHRONIC/CARCINOGENICITY:

N/AV

TERATOLOGY:

N/AV

REPRODUCTION:

N/AV

MUTAGENICITY:

N/AV

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Current data is not available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Waste acid must never be discharged directly to sewers or surface waters. First convert to neutral salts by covering with soda ash or sodium carbonate. Scoop up slurry and dispose of in accordance with all local, state and federal disposal and discharge laws.

RCRA (RESOURCE CONSERVATION & RECOVERY ACT) REQUIREMENTS:

Product is a RCRA regulated hazardous waste upon disposal. The RCRA hazardous waste number D002 refers to this materials RCRA hazardous waste characteristics of corrosiveness. Comply with all Federal, State and local laws and regulations upon disposal.

CLEAN WATER ACT REQUIREMENTS:

No information.

14. TRANSPORT INFORMATION

DOT CLASSIFICATION (USA):

UN 1805, Phosphoric acid solution, Class 8, PGIII

TDG REGULATIONS (CANADA):

UN 1805, Phosphoric acid solutions, Class 8, PGIII

15. REGULATORY INFORMATION:

U.S. FEDERAL REGULATIONS:

SARA TITLE III (SUPERFUND AMENDMENTS & REAUTHORIZATION ACT):

302/304 EXTREMELY HAZARDOUS SUBSTANCES:

Phosphoric acid is considered a CERCLA Hazardous substance with a reportable quantity (RQ) of 66,666 lbs of CESCO SOFT-N-SOUR.

311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: An Immediate (Acute) Health Hazard. A Fire Hazard. A Reactive Hazard.

313 REPORTABLE INGREDIENTS:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all SDS's that are copied or distributed for this material. Refer to Section 3, HAZARDOUS INGREDIENTS/SARA III INFORMATION, the components that are subject to reporting are designated by an asterisk (*).

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

RCRA (RESOURCE CONSERVATION & RECOVERY ACT) REQUIREMENTS:

N/AV

16. OTHER INFORMATION

NFPA RATINGS:

HEALTH (H): 2 FIRE (F): 0 REACTIVITY (R): 0

HMIS CODES:

HEALTH (H): 2 FIRE (F): 0 PHYSICAL HAZARD (P): 0

SDS REVISION DATE: October 3, 2017

NAME OF PREPARER: Environmental, Health & Safety Department.

CONTACT PHONE NUMBER: (360) 733-7478

MANUFACTURER DISCLAIMER:

IMPORTANT: The information and data herein is based on available data. Buyer assumes all risk of use, storage and handling of this product in compliance with applicable laws and regulations. NEWCONCEPT CHEMICAL, makes no warranty of any kind, expressed or implied, and will not be liable for claims, relating to the accuracy of this data or the results to be obtained from the use thereof.