



SAFETY DATA SHEET

1. Product and company identification

Product Name SOFTENER (LAUNDRY)

Product Code: C – SL05

UN/ID No. DOT (US): Not regulated

Recommended use of the chemical

Recommended Use Industrial Laundry Softener for Cottons, Linens, Synthetic Fabrics

Supplier: HD Chem
707 W. 16th St.
Long Beach, CA 90813
(888) 443-2436

Print date: August 8, 2018

In case of emergency: Call (888) 443-2436

Product type: Mixture

2. Hazards identification

Appearance: White

Physical State: Liquid

Odor: Downey Fragrance

GHS Label Element: This mixture does not meet the GHS criteria for classification

Signal Word: N/A

Hazard Statement: Avoid contact with eyes

Potential Health Effects

Exposure routes: Inhalation, Skin absorption, Skin contact, eye contact, Ingestion

Eye contact: Eye contact may result in corneal injury. Contact may irritate or burn eyes. Do not get this material in contact with eyes.

Inhalation: Do not breathe dust/fume/gas/mist/vapors/spray. Prolonged inhalation may be harmful.

Ingestion: Do not ingest. Harmful if swallowed, will cause throat irritation

Precautionary Statements – Preventions

Keep away from children, Read label before use.

Do not get in eyes, on skin, or on clothing.

Avoid breathing mist or spray.

Do not take internally. Harmful if swallowed.

Use with adequate ventilation and wear respiratory protection when exposure to mist or spray is possible.

When handling, wear chemical splash goggles, face shield, rubber gloves and protective clothing.

Wash thoroughly after handling as contact or exposure can cause irritation.

Avoid contact with acidic materials.

Keep container closed.

Precautionary Statements – Response

Immediately call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower, wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable before breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse Mouth. Do **NOT** induce vomiting

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements –Disposal

Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

This product does not contain any hazardous ingredients in quantities requiring reporting in this section

4. First aid measures

Eye contact:	IMMEDIATELY flush eyes gently with a directed stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Remove contact lenses, if present and easy to do so. Continue rinsing. GET MEDICAL ATTENTION IMMEDIATELY.
Skin contact:	Flush skin thoroughly with cool water for at least 15 minutes. Remove contaminated clothing and wash clothing before reuse. If irritation occurs and persists, GET MEDICAL ATTENTION.
Inhalation:	Remove to fresh air. If breathing is difficult, have trained person administer oxygen. Keep at rest in a position comfortable for breathing. If respiration stops, give mouth-mouth resuscitation. GET PROMPT MEDICAL ATTENTION IF SYMPTOMS DEVELOP.
Ingestion:	NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. GET MEDICAL ATTENTION IMMEDIATELY.
Protection of first-aiders;	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
Note to physician	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Flammable properties:	This product is not flammable.
Suitable Extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Protection of firefighters	Hazardous combustion products
Specific hazards arising from the chemical	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases for vapors
Special protective equipment for	In case of fire and/or explosion do not breathe fumes. If tank, rail care or tank truck

fire-fighters: is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move container from fire area if you can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles. If possible. If not, withdraw and let fire burn out. ALWAYS As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In the event of fire and/or explosion do not breathe fumes.

6. Accidental release measures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised in significant spillages cannot be contained. For personal protection, see section of the SDS.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information

Methods for containment: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk. Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Collect spillage. Absorb spilled liquid with suitable material such as dirt or sand. Prevent entry into waterways, sewer, basements or confined areas.

Methods for clean-up: Pick up and transfer to properly labeled containers. Ventilate the contaminated area. Extinguish all flames in the vicinity. Eliminate all ignition sources if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Should not be released into the environment. Prevent product from entering drains.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Handling:	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, dust/fume/gas/mist/vapors/spray
Storage	Keep away from heat and sources of ignition. Avoid sparks promoters. Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.
Incompatible Materials	Acids, Strong oxidizing agents. Isocyanates. Chlorine.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

U.S. ACGIH Threshold Limit Values

Components	Type	Value
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

U.S. OSHA Table Z-1 Limits for Air Contaminates (29 CFR 1910.1000)

Components	Type	Value
Isopropanol (CAS 67-63-0) PEL		980 mg/m ³
		400 ppm

Engineering Controls	Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Local exhaust ventilation recommended. Eye wash stations. Showers.
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Apply technical measures to comply with the occupational exposure limits.

Individual-protection measures, such as personal protective equipment

Personal protective equipment	Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standard and in discussion with the supplier of the personal protective equipment.
General	
Eye/Face Protection	Wear chemical anti-splash safety goggles. Do not get in eyes. Eye wash fountain is recommended
Skin and Body Protection	Avoid contact with the skin. Wear suitable protective clothing. Wear rubber gloves. Suitable protective clothing.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
General Hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Physical state	Liquid
Color	White
pH	6
Boiling point	212 ⁰ F
Solubility in water	100%
Percent volative by weight	N/A
Specific Gravity (H20=1)	Approx. 1
Vapor Pressure	Not determined
Evaporation Rate (Butylacetate=1)	N/A

10. Stability reactivity

Stability	Under normal conditions, the material is stable. Risk of ignition.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Products	Strong acids, Strong oxidizing agents. Isocyanates, Chlorine
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use

11. Toxicological information

Toxicity:	Ingredient	Toxicity
	Accosoft 501	Acute Dermal LD50 Rat: > 2000 mg/kg Acute Oral LD50 Rat: > 5000 mg/kg

Sensitization Not classified

Acute effects May be harmful in contact with skin. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Local effects Irritating to skin. Contact may irritate or burn eyes

Chronic Effects Hazardous by OSHA criteria. Prolonged inhalation may be harmful.

Carcinogenicity This product is not considered to be a carcinogen in IARC, ACGIH, NTP, or OSHA

Skin corrosion/irritation Irritating to skin. Prolonged skin contact may cause temporary irritation.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive effects This product is not expected to cause reproductive or developmental effects.

Symptoms and target organs Direct contact with eyes may cause temporary irritation. Exposure may cause temporary **organs** irritation, redness, or discomfort. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Mild skin irritation.

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12. Ecological information

Ecotoxicological data	
Product	Test Results
Accosoft 501	EX50 Algae: 1.33 mg/L 72 hr EC50 Daphnia: 0.3 mg/l 96 hr
Components	Test Results
Isopropanol (67-63-0)	LC50 Bluegill (Lepomis macrochirus): > 1400 mg/l Static 96 hours
Methyl tallow diethylenetriamine condensate, polethoxylated,	EC50 Daphnia: 0.3 mg/l 48 hours
Methyl sulfate (68410-69-5)	LC50 Fish: 0.62 mg/l 96 hours
Ecotoxicity	Very toxic to aquatic life. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Environmental effects	Very toxic to aquatic organisms. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Aquatic toxicity	Very toxic to aquatic organisms. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence/degradability	Expected to be inherently biodegradable.
Bioaccumulation/Accumulation	No data available.
Mobility in environmental media	No data available for this product.

13. Disposal considerations

Waste disposal:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and
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non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT (U.S.) – Road: Not Classified as Hazardous

15. Regulatory information

Materials in non-bulk quantities shipped domestically with the United States are not-regulated.

The following transportation description for transportation of materials in quantities above the RQ. All quantities below the RQ are non-regulated. The following description is for **bulk transport shipments within the United States.**

US federal regulations

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Reportable Quantity

Reportable Quantity (RQ) of this product is 101215 pounds based upon 1,4-dioxane (123-91-1) which yielded the lowest resultant RQ according to the following formula. CERCLA ingredients RQ / % of that ingredient in the product.

CERCLA (Superfund) reportable quantity None
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely No

Hazardous substance

Section 311 hazardous Yes

chemical

Clean Water Act (CWA) Hazardous substance

United States Toxic Substances Control Act (TSCA) Inventory

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

State regulations California Proposition 65

 **WARNING!** This product can expose you to chemicals including 1,4 Dioxane and Methanol which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

16. Other information

HMIS

Health Hazards

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Flammability

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Reactivity

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Personal Protection

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Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and in not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet