

# SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

## Section 1: Chemical Product and Company Identification

Dharma Trading Company  
1805 South McDowell Blvd.  
Ext. Petaluma, CA 94954 USA  
(800) 542-5227

EMERGENCY TELEPHONE  
Chemtrec 24 hour, USA: (800) 424-9300  
Emergency: 714-993-1021  
Fax: 714-993-1089  
Customer Service:  
stockerchemicals@gmail.com

DATE PREPARED:

PRODUCT NAME:

FORMULA:

PRODUCT USE:

September 1, 2012

**REVISION DATE: September 27, 2021**

**MILSOFT**  
Preparation/Mixture  
Textile Finishing Agent/ Softener

## Section 2: Hazards Identification

Regulation (EC) No 1272/2008

Emergency Overview

### OSHA HAZARDS

Target Organ Effect, Harmful if digested

### TARGET ORGANS

Kidney, Liver, Central nervous system

### GHS LABEL ELEMENTS/ PRECAUTIONARY STATEMENTS

Warning!



### GHS CLASSIFICATION

Acute toxicity, Oral (Category 4)  
Skin irritation, (Category 3)  
Eye irritation, (Category 2B)

### HAZARD STATEMENT

H302

H316

H320

Harmful if swallowed  
Causes mild skin irritation  
Causes eye irritation

### Precautionary statement(s)

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### NFPA RATING

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
MILSOFT	0	0	0	

### HMIS CLASSIFICATION

Health Hazard: 1  
Chronic Health Hazard: \*  
Flammability: 0  
Physical hazards: 0

### POTENTIAL HEALTH EFFECTS

**Inhalation** May be harmful if inhaled, May cause respiratory tract irritation.  
**Skin** Harmful if absorbed through skin. May cause skin irritation.  
**Eyes** May cause eye irritation  
**Ingestion** Harmful if swallowed

### Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	ACGIH TLV	OSHA PEL	NIOSH REL	CAS NO.	EINECS/ REACH	DANGER SYMBOL	RISK PHRASE	DSL CANADA
Proprietary		---	---	---	-----	-----	---	---	
Bis(Tallow Amidoethyl) polyrthoxymethylammonium methosulfate	15-18%	---	---	---	68410-69-5	-----	---	---	
Isoproponal	<0.1%	---	---	---	67-63-0	-----	---	---	
Acetic Acid	3-4%				22047-88-7			---	
Urea	<5%				57-13-6			---	
H2O	68-70%							---	

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

### Section 4: First Aid Measures

INHALATION

Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

SKIN CONTACT

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. May cause slight irritation.

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists. May cause mild irritation.

INGESTION

If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

### Section 5: Fire-fighting Measures

CONDITIONS OF FLAMMABILITY

None flammable or combustible

EXTINGUISHING MEDIA

Water, foam, Dry Chemical Powder, or Carbon Dioxide

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus and personal protective equipment as required for a fire. Determine the need to evacuate or isolate according to your local emergency plan.

HAZARDOUS COMBUSTION PRODUCTS

Hazardous decomposition products formed under fire conditions.-Carbon oxides

FURTHER INFORMATION

Cool containers/tank with tank spray.

### Section 6: Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection

Warn other workers of spill and contain spill.

Recover spill by using absorbent and sweeping up waste material.

In case of large spills, dike the spill, if possible. Call emergency services.

Place material into a chemical waste container.

Eliminate all sources of ignition and ventilate area.

Prevent spills or contaminated rinse water from entering sewers or watercourses.

## DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations as stated in Section 13.

## Section 7: Handling and Storage

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store upright in a cool location but in above 40F.  
Keep container closed when not in use.  
Use only with adequate ventilation.  
Do not inhale vapors.  
Avoid spilling and releasing vapor.  
Wear proper protective equipment when handling this material.  
Avoid contact with skin, eyes or clothing.  
Wash hands after handling this material.  
Keep out of reach of children.  
Follow all applicable local regulations for handling and storage.  
Utilize chemical segregation.  
Store away from oxidizing materials

### INFORMATION ON EMPTIED CONTAINER

Dispose of this container according to local, state, and federal laws in your country.  
Do not reuse this container. This container may be hazardous when emptied.

### SPECIFIC USES:

This product is intended for use as a Textile Finishing Agent/ Softener

## Section 8: Exposure Controls/Personal Protection

### VENTILATION:

Always provide good general, mechanical room ventilation where this chemical/material is used.

### SPECIAL VENTILATION CONTROLS:

Use this material inside totally enclosed equipment, or use it with local exhaust ventilation at points where vapors can be released into the workspace air.

### RESPIRATORY PROTECTION:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the CEN European Standards (EU). Use a NIOSH/MSHA or European Standard (EN) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### PROTECTIVE GLOVES:

Handle with gloves. Inspect gloves prior to use of individual product. Wear chemical impervious gloves at all times while working with this product. Recommended glove types include: Laminate Film, Nitrile, or Tri-polymer. Check with your company's glove supplier to ensure proper use.

### FULL CONTACT

Material: Nitrile rubber  
Minimum layer thickness: 0.11mm  
Break through time: 480min  
Material tested: Dermatril (KCL 740/Aldrich Z677272, Size M)

### SPLASH CONTACT

Material: Nitrile rubber  
Minimum layer thickness: 0.11  
Break through time: 480min  
Material tested: Dermatril (KCL 740/Aldrich Z677272, Size M)

Data source: KCL GmbH, d-36124 Eichenzell, phone +49 (0)6659 87300, email [sales@kcl.de](mailto:sales@kcl.de), test method:EN374. If used in solution, or mixed with other substances, and under conditions which differ from EN374, contact the supplier of the CE approved gloves. The recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

EYE PROTECTION:  
 PROTECTIVE CLOTHING:

Safety Glasses, chemical goggles, face shield.  
 Wear suitable protective clothing to prevent skin contact. Use of anti-static type aprons is recommended. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

WORK/HYGIENE PRACTICES:

Handle in accordance with good hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9: Physical and Chemical Properties

APPEARANCE - COLOR:

White Milky

PHYSICAL STATE:

Viscous Liquid Emulsion

ODOR:

Mild odor

### PRODUCT CRITERIA

	PRODUCT CRITERIA
ODOR THRESHOLD	Slight Sweet
PH	5-7
FLASH POINT:	Not Determined
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Not Available for product
FLAMMABILITY (Solid, gas)	Not Available for product
EXPLOSIVE PROPERTIES	Not Available for product
OXIDIZING PROPERTIES	Not Available for product
SPECIFIC GRAVITY (@25 °C):	Not Available for product
EVAPORATION RATE:	Not Available for product
% VOLATILE by VOLUME	Not Tested
PARTITION COEFFICIENT	Not Available for product
AUTO IGNITION TEMPERATURE	Not Available for product
DECOMPOSITION TEMPERATURE	Not Available for product
BOILING POINT:	Not Available for product
MELTING POINT:	Not Available for product
VAPOR PRESSURE	Not Available for product
VAPOR DENSITY (AIR = 1)	Estimated heavier than air
SOLUBILITY IN WATER:	Not Available for product
WATER SOLUBILITY IN THE SOLVENT	Not Available for product
FREEZING POINT:	Not Available for product
VISCOSITY	1400 CPS @MHT
VOC CONTENT (weight%)	<1.0% (Isopropanol)

## Section 10: Stability and Reactivity

STABILITY:

Stable under normal conditions. This product is not self-reactive and is not sensitive to physical impact.

CONDITIONS TO AVOID:

Keep away from heat, sparks, and open flame. Avoid contact with oxidizing agents and strong acids.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents, Strong acids, Zinc

HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous decomposition products formed under fire conditions-Carbon oxides Other decomposition products-no data

HAZARDOUS POLYMERIZATION:

No data

## Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 Oral Rat	>12,565 mg/kg	N.D.	Milsoft
Dermal	LD50 Rabbit	>11,890 mg/kg	Skin irritation	Milsoft
Serious Eye Damage / Eye Irritation	Eye Rabbit	Eye irritation		

Respiratory or Skin Sensitization	LC50	No information is available.		
Germ Cell Mutagenicity		No information is available.		
Carcinogenicity		None	NTP	No levels > or = to 0.01%
		None	IARC/ACGIH	As above
		None	OSHA	As above
Reproductive Toxicity		No information is available.		
STOST -- Single Exposure		No information is available.		
STOST -- Repeated Exposure		No information is available.		
Aspiration Hazard		No information is available.		
Ames test		No information is available.		

STOST = Specific Target Organ Systemic Toxicity

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

## Section 12: Ecological Information

Chemical

BIODEGRADATION:	No information	
BIOACCUMULATION:	No information	
TOXICITY TO FISH	LC50-Pimephales (fatheaded minnow)- 75,200mg/l -96h LC50-Carassius auratus (goldfish) 5,000 mg/l – 24h	Milsoft
TOXICITY TO DAPHNIA	EC50 –Daphnia magna (water flea) ->10,000mg/l – 24h	Milsoft

Note: Not all of the ingredients have been tested for Ecotoxicity.

## Section 13: Disposal Considerations

WASTE FROM RESIDUES / UNUSED PRODUCTS:

Recommend waste material be disposed of by using incineration. Follow the waste disposal requirements of your country, state, or local authorities.

CONTAMINATED PACKAGING:

Contaminated packaging material should be disposed of by incineration as stated above for residues and unused product.

RINSATE: Do not dispose of rinse water containing product in a sanitary sewer system or storm water drainage system.

## Section 14: Transport Information

**DOT TRANSPORT:**

Not Regulated

**ADR = International Carriage of Dangerous Goods by Road**

Not Regulated

**RAIL TRANSPORT:**

Not Regulated

**SEA TRANSPORT:**

IMDG

Not Regulated

**AIR TRANSPORT:**

IATA/ICAO

Not Regulated

## Section 15: Regulatory Information

Directive 67/548/EEC

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES:

R-Phrase:

R36

Irritating to Eyes

R38

Irritating to Skin

S-Phrase: S24 Avoid contact with Skin  
S25 Avoid contact with Eyes

#### TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS

This product is in compliance with rules, regulations, and orders of TSCA. All components are listed on the TSCA Inventory.

#### OSHA HAZARDS

Target Organ Effect, Harmful by ingestion.

#### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

#### SARA 302 COMPONENTS

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

#### SARA 311/312 HAZARDS

Acute Health Hazard, Chronic Health Hazard

#### CALIFORNIA PROPOSITION 65

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: None

#### CLEAN WATER ACT

Contains no known priority pollutants at concentrations greater than 0.1%

#### CANADA:

This MSDS/SDS will be non compliant 3 years after the issue date. This MSDS contains all of the information required by the Controlled Products Regulations (CPR).

#### WHMIS-INFORMATION:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), SOR/88-66, current to February 20, 2012. The classes of controlled products listed in the CPR, Section 32, Part IV, have been reviewed and based on Professional Judgment this product has been determined NOT to be WHMIS controlled.

#### EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 67/548/EEC, Regulation (EC) No 1272/2008 on classification, labeling and packaging (CLP) of substances and mixtures.

## Section 16: Other Information

Revision Comments: Updated from September 1, 2012  
Revision Number: 1  
Information Sources: RTECS, REACH, OSHA 29CFR 1910.1200

#### FOR INDUSTRIAL USE ONLY

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ADDITIONAL INFORMATION

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