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Version 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier**Product Name** SofTechs 4142**Other means of identification****Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Textile Finishing**Uses advised against** No information available**Details of the supplier of the safety data sheet****Supplier Address**American Textile, LLC
3235 Satellite Boulevard
Building 400, Suite 300
Duluth, GA 30096
Telephone: +1 770 291 2226**E-mail address**

aupchurch@americantextilellc.com

Emergency telephone number**Emergency Telephone** Chemtrec 1-800-424-9300 Chemtrec international: +1 703 527 3887

2. HAZARDS IDENTIFICATION

Classification**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements**Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance cloudy**Physical state** liquid**Odor** mild sweet**Hazards not otherwise classified (HNOC)**

Not Applicable

Unknown Acute Toxicity

20.5% of the substance or mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Chemical Name	CAS No.	Weight-%	Trade Secret
Water	7732-18-5	79.49655	*
Proprietary Component	SUB0067	13.99945	*
(2-Methoxymethylethoxy)Propanol	34590-94-8	4.9487	*
Ethoxylated Fatty Alcohol	78330-21-9	1.46248	*
Triethanolamine	102-71-6	0.04459	*
Diethanolamine	111-42-2	0.0082	*
Sodium Nitrate,	7631-99-4	0.0045	*
Mixture Of: 5-Chloro-2-Methyl-4-Isothiazolin-3-One [Cas No. 26172-55-4] And 2-Methyl-2Hisothiazol-3-One [Cas No. 2682-20-4]	55965-84-9	0.0042	*
Water.	7732-18-5	0.00261	*
Sodium Chloride	7647-14-5	0.0021	*

4. FIRST AID MEASURES

First aid measures

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.

Inhalation

Remove to fresh air. If symptoms persist, call a physician.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.

Self-protection of the first aider

Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms

No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. Avoid contact with eyes and skin.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
(2-Methoxymethylethoxy)Propanol 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³ S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³
Triethanolamine 102-71-6	TWA: 5 mg/m ³	-	-
Diethanolamine 111-42-2	TWA: 1 mg/m ³ inhalable fraction and vapor S*	TWA: 3 ppm TWA: 15 mg/m ³	TWA: 3 ppm TWA: 15 mg/m ³

NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	liquid	Odor threshold	No information available
Appearance	cloudy	Odor	mild sweet
Color	colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	7.5		
Melting point/freezing point	0 °C / 32 °F		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	> 100 °C / 212 °F		
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper flammability limit:		No information available	
Lower flammability limit:		No information available	
Vapor pressure		No information available	
Vapor density		No information available	
Water solubility	Miscible in water		
Solubility in other solvents		No information available	
Partition coefficient		No information available	
Autoignition temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties		No information available	
Oxidizing properties		No information available	
Other Information			
Explosion Severity:			
Danger of Explosion, cloud		No information available	
Minimum Ignition Energy, Cloud, mJ		No information available	
KST, maximum rate of pressure rise, Cloud, bar.m.s-1		No information available	
Pmax maximum explosion pressure, Cloud, bar		No information available	
VMP (cloud)		No information available	
LOC Limiting Oxygen Concentration, Cloud, %v/v O2		No information available	
Softening point		No information available	
Molecular weight		No information available	
Density		No information available	
Bulk density		No information available	
Specific Gravity	1.0		
Granulometry		No information available	
Moisture content		No information available	

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition ProductsCarbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
(2-Methoxymethylethoxy)Propanol 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 16 mL/kg (Rat) > 20 mL/kg (Rabbit)	-
Diethanolamine 111-42-2	= 0.62 mL/kg (Rat) = 620 µL/kg (Rat)	= 7640 µL/kg (Rabbit)	-
Sodium Nitrate, 7631-99-4	= 1267 mg/kg (Rat)	-	-
Mixture Of: 5-Chloro-2-Methyl-4-Isothiazolin-3-One [Cas No. 26172-55-4] And 2-Methyl-2Hisothiazol-3-One [Cas No. 2682-20-4] 55965-84-9	= 53 mg/kg (Rat)	-	-
Water. 7732-18-5	> 90 mL/kg (Rat)	-	-
Sodium Chloride 7647-14-5	= 3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Sensitization**

Germ cell mutagenicity No information or data specific to the product on this toxicological (health) effect is available.

Carcinogenicity No information or data specific to the product on this toxicological (health) effect is available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	-	Group 3	-	-
Diethanolamine 111-42-2	A3	Group 2B	-	X
Sodium Nitrate, 7631-99-4	-	Group 2A	-	X

Reproductive toxicity No information or data specific to the product on this toxicological (health) effect is available.

STOT - single exposure No information or data specific to the product on this toxicological (health) effect is available.

STOT - repeated exposure No information or data specific to the product on this toxicological (health) effect is available.

Aspiration hazard No information or data specific to the product on this toxicological (health) effect is available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Fish
(2-Methoxymethylethoxy)Propanol	10000 mg/L LC50 96 h Pimephales promelas static
Triethanolamine	10600 - 13000 mg/L LC50 96 h Pimephales promelas flow-through 1000 mg/L LC50 96 h Pimephales promelas static 450 - 1000 mg/L LC50 96 h Lepomis macrochirus static
Diethanolamine	4460 - 4980 mg/L LC50 96 h Pimephales promelas flow-through 1200 - 1580 mg/L LC50 96 h Pimephales promelas static 600 - 1000 mg/L LC50 96 h Lepomis macrochirus static
Sodium Nitrate,	2000 mg/L LC50 96 h Lepomis macrochirus static 994.4 - 1107 mg/L LC50 96 h Oncorhynchus mykiss static
Sodium Chloride	5560 - 6080 mg/L LC50 96 h Lepomis macrochirus flow-through 12946 mg/L LC50 96 h Lepomis macrochirus static 6020 - 7070 mg/L LC50 96 h Pimephales promelas static 7050 mg/L LC50 96 h Pimephales promelas semi-static 6420 - 6700 mg/L LC50 96 h Pimephales promelas static 4747 - 7824 mg/L LC50 96 h Oncorhynchus mykiss flow-through

Chemical Name	Crustacea
(2-Methoxymethylethoxy)Propanol	1919 mg/L LC50 48 h Daphnia magna
Triethanolamine	1386 mg/L EC50 24 h Daphnia magna
Diethanolamine	55 mg/L EC50 48 h Daphnia magna
Sodium Chloride	1000 mg/L EC50 48 h Daphnia magna 340.7 - 469.2 mg/L EC50 48 h Daphnia magna Static

Chemical Name	Algae/aquatic plants
Triethanolamine	216 mg/L EC50 72 h Desmodesmus subspicatus 169 mg/L EC50 96 h Desmodesmus subspicatus

Diethanolamine	7.8 mg/L EC50 72 h <i>Desmodemus subspicatus</i> 2.1 - 2.3 mg/L EC50 96 h <i>Pseudokirchneriella subcapitata</i>
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Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
(2-Methoxymethylethoxy)Propanol 34590-94-8	-0.064
Triethanolamine 102-71-6	-2.53
Diethanolamine 111-42-2	-2.18
Sodium Nitrate, 7631-99-4	-3.8

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

AICS	No
DSL	No
NDSL	No
IECSC	Yes
EINECS	Yes
ELINCS	No
ENCS	No
KECL	Yes
PICCS	No
TSCA	Yes
NZIoC	No

Legend:**AICS** - Australian Inventory of Chemical Substances**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**IECSC** - China Inventory of Existing Chemical Substances**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Diethanolamine 111-42-2	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X

Revision Date 27-Feb-2015

Revision Note

[SDS sections updated \(***\)](#)

Disclaimer

The information provided above is intended as a guide to assist in the safe handling, use, processing, storage, transportation, disposal and release of the material listed. Nothing contained herein is to be considered as an express or implied warranty of performance or quality. The information relates only to the specific material designated and may not be applicable when such material is used in combination with any other materials or as part of any process, except as otherwise expressly described herein. The information is believed to be true and correct as of the date issued. Always make sure you are using the most current information available. The material described herein is produced for commercial and industrial use only and unless otherwise specifically designated by the manufacturer in writing has not received any specific regulatory approval such as approvals for food contact or for use in medical/surgical applications or devices. It is buyer and user's sole and exclusive responsibility to ensure that any handling, use, processing, storage, transportation, disposal and release of the material complies with all applicable laws, rules and regulations.

End of Safety Data Sheet