
SAFETY DATA SHEET - SDS

Product: SurfTechs 4106

Review : 02

September 01, 2018

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

Product SurfTechs 4106

Relevant Recommended Uses Textile Softener

Company American Textile, LLC.

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2. HAZARDS IDENTIFICATION

Classification

Aspiration hazard	Category 2	H305
Skin corrosion / irritation	Category 2	H315
Serious eye damage / irritation	Category 1	H318

Label Elements

- **Symbols**



- **Signal Word** DANGER
- **Hazard Statements** H305 - May be harmful if swallowed and enters airways
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
- **Precautionary Statements** P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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- **Response Statements**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 - IF ON SKIN: Wash with plenty of water/ soap.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage.
- **Disposal**

P501 - Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name Modified Fatty Acid Amide derivative**CAS Number** Proprietary**Impurities which Contribute to the Classification of the Substance**

There are no impurities which contribute to the classification of the substance.

4. FIRST-AID MEASURES

Procedure in Case of:

- **Inhalation**

Mist may cause irritation to nasal passages. Get victim to fresh air and get prompt medical attention.
- **Skin Contact**

Immediately wash exposed area with soap and water for at least 15 minutes. Then flush with water for at least 5 minutes. If reddening persists, see a physician. Remove contaminated clothing and launder before re-use.
- **Eye Contact**

Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention immediately. If physician is not immediately available, continue flushing with water.
- **Ingestion**

Immediately drink two large glasses of water, if conscious. Call a physician. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Dry chemical, water fog, regular foam.**Unsuitable Extinguishing Media** No data available.**Specific Hazards in Case of Fire** Formation of oxides of carbon, nitrogen oxides and sulfur compounds. In case of combustion it may generate carbon monoxide, besides CO₂.

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Protective Measures for Fire Fighters

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

Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot, burning liquid.

NFPA Rating

Health	1
Flammability	0
Instability	0
Special	D

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protection equipment as indicated in Section 8, in order to avoid contact with spilled product.

Environmental Precautions

Prevent product from entering into soil and waterways.

Methods and Materials for Containment and Cleaning up

Stop if possible
Contain and dike spilled product with earth or sand.
Transfer to proper container.
Collect remnants with an appropriate absorbent material.
Wash the contaminated surface with water, which should be collected for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use in a well-ventilated area.
Avoid inhalation and contact with eyes, skin or clothing through proper protection.
If occurs accidental contact, exposed area should be washed immediately.
Emergency eyewashes and showers shall be located in accessible locations.
Wash hands and face thoroughly after handling.
Wash contaminated clothing before reuse.

Conditions for Safe Storage

Store in a covered and well-ventilated area, away from sunlight and sources of heat or open flames.
Ensure that the storage location has adequate moisture, pressure and temperature.
Keep containers tightly closed when not in use. Protect from freezing.

Incompatibilities

Avoid contact with:
Strong oxidizing agents.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits

- **TLV-TWA (ACGIH)** Not established.
- **PEL-TWA (OSHA)** Not established.
- **TLV-STEL (ACGIH)** Not established.
- **LT(NR15)** Not established.
- **Odor Threshold** No data available.
- **IDLH** No data available.
- **Biological Exposure Indices (ACGIH)** Not established.

Engineering Control Measures Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

Individual Protection Measures

- **Eye Protection** Chemical splash proof goggles.
- **Skin Protection** PVC apron.
It is recommended to adopt safety boots/shoes.
- **Hand Protection** Wear protective gloves such as: Neoprene or Buna-N.
- **Breathing Equipment** None required with normal use.
In case of emergency or contact with high concentrations of the product, wear an air supplied mask or self contained breathing apparatus. It is recommended to wear face mask with organic vapors cartridge in case of exposure to vapors/aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid
Color	Light Amber
Odor	Characteristic Mild
Odor Threshold	Not measured
pH (2% in water)	3.5 – 6.0
Initial Boiling Point and Boiling Range	Not measured
Solids (Sartorius, MA30, 105°C), %	100.0

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Melting Point	35°C
Flash Point	> 100 °C Method: Penskey-Marten CC
Evaporation Rate	Slower than ether.
Flammability (solid, gas)	Not applicable.
Upper/Lower Flammability or Explosive Limits	No data available.
Vapor Pressure	No data available.
Relative Vapor Density (air = 1)	> 1 (in relation to air)
Specific Gravity	0.95 (water = 1.00 at 20 °C)
Water Solubility	Dispersible
Partition Coefficient (n-octanol/water)	No data available.
Auto-Ignition Temperature	No data available.
Decomposition Temperature	No data available.
Viscosity, kenematic	No data available.

10. STABILITY AND REACTIVITY

Chemical Stability	The product is stable under normal conditions.
Possibility of Hazardous Reactions	No.
Conditions to Avoid	Avoid contact with strong oxidizing agents.
Reactivity	Reaction with oxidizing materials.
Incompatible Materials	Unknown.
Hazardous Decomposition Products	In case of combustion it may generate carbon monoxide, besides CO ₂ .
Considerations on the Use of the Product	Not applicable.

11. TOXICOLOGICAL INFORMATION

The toxicological information is taken from an analogous substance

Acute Toxicity

- oral No Data Available.
- dermal No Data Available.

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- inhalation

No Data Available.

Serious Eye Damage/Eye Irritation

Result: This material may cause severe irritation to the eyes.

Skin Corrosion/Irritation

Some people may experience skin sensitization from contact with this product.

Respiratory or Skin Sensitization

No Data Available.

Repeated Dose Toxicity

No Data Available.

CMR Assessment

- Carcinogenicity

No Data Available.

- Mutagenicity

No Data Available.

- Teratogenicity

No Data Available.

- Toxicity to Reproduction

No Data Available.

Carcinogenicity

Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target Organ Toxicity - Single Exposure

No Data Available.

Specific Target Organ Toxicity - Repeated Exposure

No Data Available.

Aspiration Hazard

No Data Available.

Other InformationIrritant to skin
Risk of serious damage of eyes.

12. ECOLOGICAL INFORMATION

The toxicological information is taken from an analogous substance**Ecotoxicology Assessment**

- Acute Aquatic Toxicity

No data available.

- Chronic Aquatic Toxicity

No data available.

Toxicity

- Aquatotoxicity, fish

No data available.

- Aquatotoxicity, invertebrates

No data available.

- Aquatotoxicity, algae / aquatic plants

No data available.

- Toxicity in Microorganisms

No data available.

- Chronic Toxicity in Fish

No data available.

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- **Chronic Toxicity Aquatic Invertebrates** No data available.
- **Toxicity in Terrestrial Plants** No data available.
- **Toxicity to Above- Ground Organisms** No data available.

Persistence and Degradability

- **Photodegradation** No data available.
- **Biological degradability** Result: not readily degradable
The product is not readily biodegradable according to OECD criteria.
- **Physico-chemical removability** No data available.
- **Biochemical Oxygen Demand (BOD)** No data available.
- **Chemical Oxygen Demand (BOD)** No data available.
- **Relation of BOD/COD** No data available.
- **Dissolved organic carbon (DOC)** No data available.
- **Adsorbed organic bound halogens (AOX)** No data available.
- **Distribution among environmental compartments** No data available.

Bioaccumulative potential

- **Bioaccumulation** No data available.

Mobility in Soil

- **Environmental distribution** No data available.

Results of PBT and vPvB Assessment

- **PBT and vPvB Assessment** No data available.

Other Adverse Effects

No data available.

Remarks

No data available.

General Information

Do not allow to enter soil, waterways or waste water canal.

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13. DISPOSAL CONSIDERATIONS

Recommended Methods of Waste Disposal

You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Incineration in an authorized and permitted thermal treatment facility or chemical or biological treatment in authorized and permitted facilities is recommended.

14. TRANSPORT INFORMATION

- | | |
|--|---------------|
| • Department of Transportation (DOT) | Not regulated |
| • International Maritime Dangerous Goods (MDG) | Not regulated |
| • International Air Transport Association Dangerous Good Regulation (IATA-DGR) | Not regulated |

15. REGULATORY INFORMATION

California Proposition65 Statement

Notification : No

This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

Canada**WHMIS CLASSIFICATION**

Class D, Division 2B

Corrosive Material

SARA Title III Section311/312 Hazard Categories

Acute Health Hazard

State Right to Know

No components subject to "Right-To-Know" legislation in the following States: NJ, PA, MA and RI

SARA 313: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Ratings

Health:	1
Flammability:	0
Reactivity:	0
Personal Protection:	D

Notification Status

USA (TSCA) : listed/registered or exempted

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16. OTHER INFORMATION

Remarks Not applicable.

Abbreviations and Acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative

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VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization

This Safety Data Sheet was authored according to our current knowledge and experience, however cannot imply guarantee of any nature. Considering the variety of factors that can affect their process or application, the information on this sheet does not exempt the processors from the responsibility of executing their own tests and experiments.

ELECTRONICALLY APPROVED