

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review :** 01**March 11, 2015**

---

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

---

**Product** SurfTechs 4106 LC

**Relevant Recommended Uses** Textile Softener

**Company** American Textile, LLC.

**Address** 3235 Satellite Boulevard  
Building 400, Suite 300  
Duluth, GA 30096 USA

**Phone Number** +1 770 291 2226

**Fax** +1 678 547 3179

**Email** admin@americantextilellc.com

**2. HAZARDS IDENTIFICATION**

---

**Classification**

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

**Label Elements**

- Symbols**



- Signal Word** DANGER
- Hazard Statements** 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.

---

**SAFETY DATA SHEET - SDS**

---

**Product: SurfTechs 4106 LC****Review : 01****March 11, 2015**

---

- **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

Component	CAS Registry No.	Weight %
Modified fatty acid amide quaternary	proprietary to supplier	50 - 65%
Water	7732-18-5	20 - 30%
Nonionic and cationic surfactants	proprietary to supplier	5 - 15%
Propylene Glycol	57-55-6	5 - 15%

**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.

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review :** 01**March 11, 2015**

---

**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 CO<sub>2</sub>.**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.

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review :** 01**March 11, 2015**

---

---

**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**

---

<b>Physical State</b>	Soft Paste
<b>Color</b>	Tan
<b>Odor</b>	Characteristic Mild
<b>Odor Threshold</b>	Not measured
<b>pH (as is)</b>	5.5 – 7.5
<b>Initial Boiling Point and Boiling Range</b>	Not measured
<b>Solids (Sartorius, MA30, 105°C),%</b>	65 -66%

---

**SAFETY DATA SHEET - SDS**

---

**Product: SuuurfTechs 4106 LC****Review : 01****March 11, 2015**

---

<b>Melting Point</b>	Not applicable
<b>Flash Point</b>	> 100 °C Method: Penskey-Marten CC
<b>Evaporation Rate</b>	Slower than ether.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available.
<b>Vapor Pressure</b>	No data available.
<b>Relative Vapor Density (air = 1)</b>	> 1 (in relation to air)
<b>Specific Gravity</b>	0.98 (water = 1.00 at 20 °C)
<b>Water Solubility</b>	Dispersible
<b>Partition Coefficient (n-octanol/water)</b>	No data available.
<b>Auto-Ignition Temperature</b>	No data available.
<b>Decomposition Temperature</b>	No data available.
<b>Viscosity, kenematic</b>	No data available.

---

**10. STABILITY AND REACTIVITY**

---

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

---

**11. TOXICOLOGICAL INFORMATION**

---

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

**Acute Toxicity**

- oral No Data Available.

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review : 01****March 11, 2015**

---

- **dermal** No Data Available.

- **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 Information** Irritant 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**

- **Aquatoxicity, fish** No data available.

- **Aquatoxicity, invertebrates** No data available.

- **Aquatoxicity, algae / aquatic plants** No data available.

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review : 01****March 11, 2015**

---

- **Toxicity in Microorganisms** No data available.
- **Chronic Toxicity in Fish** No data available.
- **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.

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review :** 01**March 11, 2015**

---

---

**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



---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review :** 01**March 11, 2015**

---

**16. OTHER INFORMATION**

---

**Remarks** Not applicable.**Abbreviations and Acronyms**

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

---

**SAFETY DATA SHEET - SDS**

---

**Product:** SurfTechs 4106 LC**Review : 01****March 11, 2015**

---

**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