

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008  
Classification according to Directive 67/548/EEC or 1999/45/EC

Issue Date: 2008-10-24

Revision Date: 2015-05-20

Revision Number: 4

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name FOAM BAN® TS-7250  
Product code U2TS7250

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Anti-foaming agent (defoamer)  
Uses advised against Consumer use

### 1.3. Details of the supplier of the safety data sheet

Manufacturer Munzing - Ultra Additives LLC.  
1455 Broad Street  
Bloomfield NJ 07003  
United States  
  
Email: info@munzing.us  
Phone: 1-973-279-1306

Supplier Münzing Chemie GmbH  
Münzingstrasse 2  
74232 Abstatt  
Germany  
  
Email: info@munzing.com  
Phone: +49 (0) 7131/987-0

### 1.4. Emergency telephone number

Emergency telephone CHEMTREC (24 hrs - for spill, leak or transportation incidents):  
US: 1-800-424-9300  
non-US: 1-703-527-3887  
  
EU: +49 761 19240 (VIZ Freiburg)

Europe 112

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Chronic aquatic toxicity	Category 3 - (H412)
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Classification according to EU Directives 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

**R-code(s)**

R52-53

**2.2. Label Elements**

**Hazard Statements**

H412 - Harmful to aquatic life with long lasting effects

**2.3. Other hazards**

No information available.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

Chemical nature of the product Polymer mixture

Component	EC No.	CAS No	% [weight]	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Polyethylene-polypropylene glycol	-	9003-11-6	60 - 100	-	-	No data available

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

**Section 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move victim to fresh air.
<b>Ingestion</b>	Clean mouth with water.
<b>Self-Protection of the First Aider</b>	Use personal protection equipment.

**4.2. Most important symptoms and effects, both acute and delayed**

**Most important symptoms and effects** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media** No information available.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous Combustion Products** Thermal decomposition can lead to release of irritating gases and vapours.

### 5.3. Advice for firefighters

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

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protection equipment. Avoid contact with skin, eyes and clothing.

**Protective precautions** Use personal protection equipment.

### 6.2. Environmental precautions

**Environmental Precautions** Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for Containment** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Methods for Clean-Up** Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

**Reference to other sections** See Sections 5 & 7 for additional information.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Handling** Use personal protection equipment. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Slippery, can cause falls if walked on.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.

### 7.3. Specific end use(s)

**Specific Uses** No information available.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

<b>Exposure limits</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Derived No Effect Level (DNEL)</b>	No information available.
<b>Predicted No Effect Concentration (PNEC)</b>	No information available.

### 8.2. Exposure controls

<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal protective equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields. If splashes are likely to occur, wear.. Tight sealing safety goggles.
<b>Skin protection</b>	Wear suitable protective clothing and gloves.
<b>Respiratory protection</b>	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Environmental exposure controls</b>	No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Opaque, Off-white
<b>Odor</b>	Slight
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	No information available	No information available
<b>Melting point/freezing point</b>	No information available	No information available
<b>Boiling point</b>	No information available	No information available
<b>Flash Point</b>	No information available	No information available
<b>Evaporation rate</b>	No information available	No information available
<b>Flammability (solid, gas)</b>	No information available	No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor Pressure</b>	No information available	No information available
<b>Vapor density</b>	No information available	No information available
<b>Specific Gravity</b>	1.01	No information available
<b>Water Solubility</b>	No information available	No information available
<b>Solubility in other solvents</b>	Dispersible	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available	No information available
<b>Autoignition temperature</b>	No information available	No information available
<b>Decomposition temperature</b>	No information available.	No information available
<b>Viscosity</b>	<800 cps@25C	No information available
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

### 9.2. Other information

<b>VOC content (%)</b>	No information available
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## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

**Reactivity** Stable under normal conditions.

### 10.2. Chemical stability

**Chemical Stability** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

**Conditions to Avoid** Temperatures above 150 °C.

### 10.5. Incompatible materials

**Incompatible Materials** Strong oxidizing agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides. Formaldehyde. Silicon dioxide.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

#### Product Information

<b>Eyes</b>	Contact with eyes may cause irritation. Avoid contact with eyes.
<b>Skin</b>	May be harmful in contact with skin. Substance may cause slight skin irritation. Avoid contact with skin.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Unknown acute toxicity</b>	8.75% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	6,430.00 mg/kg
<b>ATEmix (dermal)</b>	2,193.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	No data available

#### Component Information

Component	Oral LD50	Dermal LD50	Inhalation LC50
Organosiloxane polymer	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	
Polyethylene-polypropylene glycol	= 5700 mg/kg ( Rat )		

**Skin Corrosion/Irritation** No information available.

<b>Eye damage/irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenic effects</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Component	Algae	Fish	Daphnia magna
Polyether-modified polysiloxane	-	-	EC50: 220-520 mg/L
Polyethylene-polypropylene glycol 9003-11-6	EC50, 48 hr: >100 mg/L	LC50: >100 mg/l ( Golden orfe), 96 hr	EC50 (48 h): > 100 mg/l LC50 (48h): 15.6 (14.6 - 16.5) mg/l (Daphnia)

**Unknown Aquatic Toxicity** 12.1875% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

### 12.2. Persistence and degradability

**Persistence and degradability** . The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

**Bioaccumulation/Accumulation** . No information available.

### 12.4. Mobility in soil

**Mobility in Environmental Media** . No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** . Not applicable.

### 12.6. Other adverse effects

**Other adverse effects** . No information available.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste from residues/unused** Contain and dispose of waste according to local regulations.

**products**

**Contaminated packaging** Empty remaining contents.

**Waste codes / waste designations according to EWC / AVV** Not applicable.

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

**Section 14: TRANSPORT INFORMATION**

**ADR/RID** Not regulated

**IMDG/IMO** Not regulated

**IATA** Not regulated

**Section 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**International Inventories**

<b>US TSCA</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>Canada (DSL)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Europe (EINECS/ELINCS/NLP)</b>	Complies
<b>Japan (METI)</b>	Complies
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>New Zealand</b>	Complies

**Legend**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**WGK Classification (VwVwS)** Water endangering class = 1 (self estimation)

**European Union**

**Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**15.2. Chemical safety assessment**

No information available

## Section 16: OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of R-phrases referred to under sections 2 and 3

No information available

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

#### Full text of H-Statements referred to under section 3

H412 - Harmful to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorization:

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

\* - Skin designation

<b>Classification procedure</b>	Minimum classification
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<b>Issue Date:</b>	2008-10-24
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<b>Revision Date:</b>	2015-05-20
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<b>Reason for revision</b>	Update to Format.
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**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### Disclaimer

*The information provided in this 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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is 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**