

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date: 2011-06-09

Revision Date: 2015-07-05

Revision Number: 3

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

### 1.1. Product identifier

Product name FOAM BAN® HV-821  
Product code U2HV821

### 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]  
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label Elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

EUH210 - Safety data sheet available on request

### 2.3. Other hazards

No information available.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical nature of the product      Aqueous dispersion

Component	EC No.	CAS No	% [weight]	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	<0.30	Repr. 2 (H361f) Aquatic Chronic 4 (H413)	No data available

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 and drink afterwards plenty of 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

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	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

<b>Personal precautions</b>	Use personal protection equipment. Avoid contact with skin, eyes and clothing.
<b>Protective precautions</b>	Use personal protection equipment.

### 6.2. Environmental precautions

<b>Environmental Precautions</b>	Avoid release to the environment.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for Containment</b>	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).
<b>Methods for Clean-Up</b>	Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

<b>Reference to other sections</b>	See Sections 5 & 7 for additional information.
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## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse.

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

<b>Storage Conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures above 0°C. Keep from freezing. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.
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### 7.3. Specific end use(s)

<b>Specific Uses</b>	No information available.
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## 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.
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**Personal protective equipment**

<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.

**Environmental exposure controls** 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>	White
<b>Odor</b>	mild
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	8	No information available
<b>Melting point/freezing point</b>	No information available	No information available
<b>Boiling point</b>	100 °C	No information available
<b>Flash Point</b>	> 100 °C	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>	~2772 cP@25C	No information available
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**9.2. Other information**

**VOC content (%)** No information available

**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** Keep at temperatures above 0°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>	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>	29.25% 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>	162,788.00 mg/kg
<b>ATEmix (dermal)</b>	19,247.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	No data available

Component	Oral LD50	Dermal LD50	Inhalation LC50
Organosiloxane polymer	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	

<b>Skin Corrosion/Irritation</b>	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>	Possible risk of impaired fertility. Possible risk of harm to the unborn child.
<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** Information given is based on data on the components and the ecotoxicology of similar products.

**Unknown Aquatic Toxicity** 29.904% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

### 12.2. Persistence and degradability

**Persistence and degradability** . No information available.

### 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 products** Contain and dispose of waste according to local regulations.

**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 classification)

**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 H-Statements referred to under section 3**

H361f - Suspected of damaging fertility  
H413 - May cause long lasting harmful effects to aquatic life

**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

**Classification procedure** Minimum classification

**Issue Date:** 2011-06-09

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Reason for revision SDS sections updated, 9, 12.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

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**End of Safety Data Sheet**