

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

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Revision Number: 14

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

### 1.1. Product identifier

**Product name** FOAM BAN® HP730  
**Material No.** 5380  
**Historic Material No.** U2HP730

*Contains Propylene oxide ethylene oxide polymer monobutyl ether*

### 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

### Emergency Telephone

**Emergency telephone** CHEMTREC: +1 703 741 5970

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

Acute toxicity - Inhalation (Dusts/Mists)	Category 2 - (H330)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

### 2.2. Label Elements

**Signal Word**

Danger

**Hazard Statements**

H330 - Fatal if inhaled

H335 - May cause respiratory irritation

**Precautionary Statements - EU (§28, 1272/2008)**

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P310 - Immediately call a POISON CENTER or doctor

P320 - Specific treatment is urgent (see supplemental first aid instructions on this label)

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

**2.3. Other hazards**

No information available.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures****Chemical nature of the product** Polymer dispersion

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	<0.30	-	-
Decamethylcyclopentasiloxane	208-764-9	541-02-6	<0.30	-	-
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	<0.30	Repr. 2 (H361f) Aquatic Chronic 4 (H413) Flamm. Liq. 3 (H226)	-
Propylene Glycol	200-338-0	57-55-6	1 - <3	-	-
Propylene oxide ethylene oxide polymer monobutyl ether	618-542-7	9038-95-3	50 - 75	Acute Tox. 2 (H330) STOT SE 3 (H335)	-

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

Substance with a Community workplace exposure limit.

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 4: FIRST AID MEASURES

**4.1. Description of first aid measures****General Advice**

Take off immediately all contaminated clothing.

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.
<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**

<b>Most important symptoms and effects</b>	No information available.
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#### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### **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. Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Alcohol resistant foam. Water mist may be used to cool closed containers.
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<b>Unsuitable Extinguishing Media</b>	No information available.
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#### **5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	Carbon oxides. Vapors may form explosive mixtures with air. Phosgene.
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#### **5.3. Advice for firefighters**

<b>Advice for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
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### **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 or 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).
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<b>Methods for Clean-Up</b>	Take up mechanically, placing in appropriate containers for disposal.
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**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** Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.

**General Hygiene Considerations** Take off contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. 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 away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**7.3. Specific end use(s)**

**Specific Uses** No information available.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Exposure limits**

Chemical name	EU	United Kingdom	France	Spain	Germany
Propylene Glycol	-	TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 474 mg/m <sup>3</sup>	-	-	-
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Propylene Glycol	-	-	-	TWA: 25 ppm TWA: 79 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1410 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Eye/Face Protection** Tight sealing safety goggles. Safety glasses with side-shields.

**Skin protection** Wear suitable protective clothing and gloves.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical State	Liquid
Appearance	Viscous, White
Odor	mild
Odor threshold	No information available

Property	Values	Remarks/ Method
pH	No information available	No information available
Melting point	No information available	No information available
Boiling point	No information available	No information available
Flash Point	> 110 °C	No information available
Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor Pressure	No information available	No information available
Vapor density	No information available	No information available
Specific Gravity	1.02	No information available
Water Solubility	No information available	No information available
Solubility in other solvents	Moderately soluble	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available.	No information available
Viscosity	~ 2,000 cps @25C	No information available
Explosive properties	No information available	
Oxidizing properties	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 Temperatures above 150 °C.

### 10.5. Incompatible materials

Incompatible Materials Strong oxidizing agents.

### Hazardous decomposition products

Hazardous decomposition products Thermal decomposition can lead to release of irritating and toxic gases and vapors. 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>	Fatal if inhaled. May cause irritation of respiratory tract. Avoid breathing vapors or mists.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Unknown acute toxicity</b>	50% of the mixture consists of ingredient(s) of unknown toxicity.
<b>Acute inhalation toxicity - dust/mist</b>	50 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)
<b>ATEmix (oral)</b>	74,599.00 mg/kg
<b>ATEmix (dermal)</b>	23,135.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	0.33 mg/L

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	
Organosiloxane polymer	> 24 g/kg ( Rat ) > 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	
Propylene oxide ethylene oxide polymer monobutyl ether	> 21,753 mg/kg (Rat)	> 21,120 mg/kg (Rabbit)	0.33 mg/l Aerosol (Rat, 4H)

<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>	May impair fertility. May cause harm to the unborn child.
<b>STOT - single exposure</b>	Respiratory system.
<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 toxicology of similar products.

Chemical name	Algae	Fish	Daphnia magna
Propylene Glycol	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	LC50: 710-55770 mg/L, 96h (Fathead minnow)	EC50: > 10000 mg/L 48 h

**Unknown Aquatic Toxicity** Not applicable.

#### 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 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.

### 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 (ENCS)</b>	Complies

South Korea (KECL)	Complies
Philippines (PICCS)	Complies
New Zealand	Complies
Taiwan (TCSI)	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

**Germany**

**WGK Classification (AwSV)** 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**

H226 - Flammable liquid and vapor  
H330 - Fatal if inhaled  
H335 - May cause respiratory irritation  
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:** 2009-01-19  
**Revision Date:** 2018-12-17  
**Reason for revision** SDS sections updated, 3, 11, 15.



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

**Disclaimer**

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**End of Safety Data Sheet**