

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Issue Date 2011-10-12

Revision Number: 2

Revision Date 2014-05-30

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

1.1. Product identifier

Product code U23806
Product name FOAM BAN® 3806

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

Recommended Use Anti-foaming agent (defoamer)

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

1.4. Emergency telephone number

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)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC.

2.2. Label Elements

Symbol Not dangerous

R-phrases

This product does not require any hazard labelling

S-phrases

This product does not require any hazard labelling

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical nature of the product Aqueous dispersion

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

Full text of R-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water.
Inhalation	Move victim to fresh air.

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

None known.

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

Immediate medical attention is not required.

Notes to Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition.

5.3. Advice for firefighters

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

Ensure adequate ventilation.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

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).

6.4. Reference to other sections

Use personal protection recommended in Section 8

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep from freezing. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Keep at temperatures between 10 and 30 °C.

7.3. Specific end use(s)

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
Exposure limits	Contains no substances with occupational exposure limit values

8.2. Exposure controls**Personal Protective Equipment:**

Respiratory protection	None under normal use conditions.
Eye Protection	Tight sealing safety goggles.
Skin protection	Wear suitable protective clothing and gloves.

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

Environmental exposure controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Typical properties provided; These values do not represent product specifications.

Appearance	Opaque, white
Physical State	Liquid
Odor	mild
pH	7.4
Flash point	> 100 °C
Boiling point	> 100 °C
Melting point	No information available
Flammability	No information available
Explosive properties	No information available
Explosive limits	Not an explosive
Specific gravity	1.01
Solubility (water)	Dispersible
Vapor pressure	No information available
Density	1.01 kg/L; 8.4 #/gal
Oxidizing properties	not an oxidizer
VOC content (%)	No information available
Solid content (%)	<15
Viscosity	~805 cP@25C

9.2. Other information

None.

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None under normal processing. Hazardous polymerization does not occur.

10.4. Conditions to avoid

Keep at temperatures above 0°C.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Carbon oxides. Formaldehyde. Silicon dioxide.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Acute Toxicity****Product Information**

Information given is based on data on the components and the toxicology of similar products.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Organosiloxane polymer	> 5000 mg/kg (Rat)	-	-
Organosiloxane	17 g/kg (Rat)	2 g/kg (Rabbit)	-

Chronic Toxicity**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Irritation

Mild eye irritation.

Sensitization

No known effect.

Neurological Effects

No information available.

Mutagenic effects

No information available.

Reproductive Effects

No information available.

Developmental Effects

No information available.

Target Organ Effects

No information available.

Other adverse effects

None known.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity**Ecotoxicity**

Information given is based on data on the components and the ecotoxicology of similar products

Component	Algae	Fish	Toxicity to Microorganisms	Daphnia magna
Organosiloxane polymer	-	-	-	EC50: 220-520 mg/L

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products

Can be incinerated, when in compliance with local regulations

Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
Waste codes / waste designations according to EWC / AVV	No information available.
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

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

ICAO/IATA Not regulated

IMDG/IMO Not regulated

Section 15: REGULATORY INFORMATION

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

WGK Classification (VwVwS) Water endangering class = 1 (self classification)

15.2. Chemical safety assessment Chemical safety assessments for substances in this preparation were not carried out.

International Inventories

All of the components in the product are on the following Inventory lists

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

Section 16: OTHER INFORMATION

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

Not applicable

Full text of H-Statements referred to under sections 2 and 3

Not applicable

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Revision Note Update to Format

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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

End of Safety Data Sheet