

SAFETY DATA SHEET

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

Issue Date 2009-08-19

Revision Date 2013-01-15

Revision Number: 2

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

1.1. Product identifier

Product code U22642
Product name FOAM BAN® 2642

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

Polymer dispersion

This product contains the following hazardous components

Component	CAS No	EC No.	REACH Reg. No	GHS(*)	Classification	% [weight]
Propylene carbonate	108-32-7	203-572-1	--	Eye Irrit. 2 (H319)	Xi;R36	1.0-2.5

GHS - Classification

(CLP) Regulation (EC 1272/2008)

Component	Note
Propylene carbonate	-

Full text of R-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact

Wash with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

Ingestion

Clean mouth with water

Inhalation

Move victim to fresh air.

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

Redness. Irritation.

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

Immediate medical attention is not required

Notes to Physician

No information available.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam. Water mist may be used to cool closed containers.

5.2. Special hazards arising from the substance or mixture

In the event of fire, cool tanks with water spray. Hazardous decomposition products formed under fire conditions.

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. Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains. Do not flush into surface water or sanitary sewer system.

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. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

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

No personal respiratory protective equipment normally required.

Eye Protection

Tight sealing safety goggles

Skin protection	Wear suitable protective clothing and gloves. Wear protective gloves. Wear protective nitrile rubber gloves. Wear protective butyl rubber gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Request information on glove permeation properties from the glove supplier.
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	Clear, Colorless	Physical State	Liquid
Odor threshold	No information available	Odor	Slight
pH	6.7	(0.5% soln.)	
Flash point	> 100°C	Autoignition temperature	No data available
Decomposition temperature	No information available.	Boiling point	No information available
Melting point	No information available	Flammability	No information available
Explosive properties	No information available	Specific gravity	1.03
Solubility (water)	Dispersible	Solubility in other solvents	No information available
Evaporation Rate	No information available	Vapor pressure	No information available
Vapor Density	No information available	Density	1.03 kg/L; 8.56 #/gal
Oxidizing properties	not an oxidizer	VOC content (%)	No information available
Solid content (%)	>93	Viscosity	~748 cps@25C
Partition coefficient (n-octanol/water)	No information available		

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 Hazardous polymerisation does not occur

10.3. Possibility of hazardous reactions

None under normal processing. Hazardous polymerization does not occur.

10.4. Conditions to avoid

Heat, flames and sparks

10.5. Incompatible materials

Strong oxidizing agents.

Section 10: STABILITY AND REACTIVITY

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides.

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
Polyalkylene glycol	5700 mg/kg (Rat)	> 2000 mg/kg, (Rabbit)	1.44 - 9 mg/L (Rat)
Propylene carbonate	29000 mg/kg (Rat) > 20 ml/kg (Rabbit)	20000 mg/kg (Rabbit)	>5000 mg/m ³ (Rat)

Chronic Toxicity

Carcinogenicity

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

Irritation

Skin irritation. Eye irritation.

Corrosivity

Not available.

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

Eyes, Skin.

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
Polyalkylene glycol	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)

Component	Algae	Fish	Toxicity to Microorganisms	Daphnia magna
Propylene carbonate	-	LC50: >1000 mg/l (Sheepshead minnow), 96 hr	EC50 > 10000 mg/L 17 h	EC50 > 500 mg/L 48 h

12.2. 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

Not likely to bioaccumulate

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

May be mobile in the environment

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 estimation)

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
New Zealand	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**

R36 - Irritating to eyes

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

H319 - Causes serious eye irritation

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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