

According to EC Directive 1907/2006/EC

Preparation Date 09-Jan-2009

Revision Date 18-Jan-2013

Revision Number: 6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY / UNDERTAKING

1.1 Product Identifier

Product code U2SB21
Product name / trade name FOAM BAN® SB-21

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

Recommended Use Antifoam agent / Defoamer

1.3. Details of the supplier of the safety data sheet

Contact 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

The product is classified and labelled in accordance with Directive 67/548/EEC or 1999/45/EC

2.2. Label Elements

EU Symbol(s) Not dangerous

R -phrase(s)

This product does not require any hazard labelling

S -phrase(s)

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**

Petroleum oil-based mixture

Hazardous components

Component	CAS-No.	Classification	EC No.	GHS(*)	Weight %
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0		265-169-7	--	>50

(*)GHS Reference

CLP (1272/2008)

Component	Notes
Petroleum distillates, solvent dewaxed heavy paraffinic	L

The classification corresponds to the current EU listing, but is enhanced by specialised literature data and the Company's own information

L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances in Annex I

For the full text of the R phrases mentioned in this Section, see Section 16

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

Ingestion

Gently wipe or rinse the inside of the mouth with water. If swallowed, DO NOT induce vomiting.

Inhalation

Move to fresh air

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

Irritation.

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: FIREFIGHTING MEASURES

5.1. Extinguishing media

In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Specific hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

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

Remove all sources of ignition. Avoid exceeding of the given occupational exposure limits (see section 8).

6.2. Environmental precautions

Avoid release to the environment. Try to prevent the material from entering drains or water courses. Do not flush into surface water or sanitary sewer system. Forms slippery/greasy layers with water. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Prevent spreading over a wide area (e.g. by containment or oil barriers). Contain and collect spillage 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

Material can create slippery conditions

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

See 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. In case of insufficient ventilation, wear suitable respiratory equipment.

8.2. Exposure controls

Personal Protective Equipment:

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye Protection

Tightly fitting safety goggles

Skin Protection	Impervious clothing. For prolonged or repeated contact use protective gloves. PVC. Neoprene. PVA.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing.
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	Slight	Odor Threshold	No information available
pH	No information available	Autoignition Temperature	No data available
Flash Point	> 149°C / > 300°F	Boiling Point/Range	No information available
Decomposition temperature	No information available.		
Melting Point/Range	No information available		
Flammable Limits	No information available		
Explosive Properties	No information available	Specific Gravity (g/cm3)	0.86
Solubility (in H2O)	Emulsifiable	Solubility in other solvents	No information available
Evaporation Rate	No information available	Vapor Pressure, 20C/68F	< 0.01
Vapor Density	No information available	Density	No data available
Oxidizing Properties	not an oxidizer	VOC Content	No information available
Solid content (%)	99 (nonvolatiles)	Viscosity	~500 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

10.3. Possibility of Hazardous Reactions

Hazardous polymerisation does not occur. Stable under normal conditions.

10.4. Conditions to Avoid

Heat, flames and sparks

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapours. 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
Petroleum distillates, solvent dewaxed heavy paraffinic	5000 mg/kg (Rat)	>5000 mg/kg (Rabbit)	-
Synthetic wax	>5000 mg/kg (Rat)	-	-
Polyalkylene glycol alkyl ether	2300-9100 mg/kg (Rat)	> 8,000 mg/kg (Rabbit)	-

Chronic Toxicity

Carcinogenicity

There are no known carcinogenic chemicals in this product (IARC, ACGIH, US OSHA, US NTP).

Irritation

Non persistent irritation. Skin,rabbit:. Eye,rabbit:.

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

Respiratory system, Skin.

Other Adverse Effects

None known

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity effects:

Discharge into the environment must be avoided

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Petroleum distillates, solvent dewaxed heavy paraffinic	-	-	-	-
Synthetic wax	-	-	-	-
Polyalkylene glycol alkyl ether	-	LC50: 20.6 mg/l (Pimphales promelas) LC50 (96h): > 500 m/L (golden orfe) LC50 (96h): 104 mg/L (Brachydanio rerio)	EC50 (16 h): 2800 mg/l EC50 (16 h): 10000 mg/l	EC50: 450 mg/l (Daphnia magna) EC50 (48 h): >100 mg/l (Daphnia magna) LC50: 9.8 mg/l (Daphnia magna)

12.2. Persistence and Degradability

Not readily biodegradable..

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

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. Do not burn, or use a cutting torch on, the empty drum.

EWC waste disposal No

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

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**

Water endangering class = 1 (self estimation)

15.2. Chemical safety assessment

A chemical safety assessment has not been performed.

International Inventories

All of the components in the product are on or exempt from the following Inventory lists

Canada DSL	Complies
China IECSC	Complies
EU EINECS/ELINCS	Complies
Japan ENCS	Complies
Korea KECL	Complies
New Zealand NZIoCS	Complies
Philippines PICCS	Complies
Australia AICS	Complies
US TSCA	Complies

SECTION 16: OTHER INFORMATION**Text of R phrases mentioned in Section 3**

Not applicable

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

Not applicable

Preparation Date 09-Jan-2009**Revision Date** 18-Jan-2013**Revision Summary** Update to Format

Disclaimer

The information provided on this SDS 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