

# SAFETY DATA SHEET

According to EC Directive 1907/2006/EC

Preparation Date 11-May-2011

Revision Date 12-Mar-2013

Revision Number: 1

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

### 1.1 Product Identifier

Product code U2SB88  
Product name / trade name FOAM BAN® SB-88

### 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](mailto: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.    | EC No.    | REACH Reg-No. | GHS(*) | Classification | Weight % |
|---|------------|-----------|---------------|--------|----------------|----------|
| Petroleum distillates, solvent dewaxed heavy paraffinic | 64742-65-0 | 265-169-7 | --            | --     |                | >50      |
| Petroleum distillates, solvent-refined light paraffinic | 64741-89-5 | 265-091-3 | --            | --     |                | 5.0 - 10 |

**(\*)GHS Reference**

CLP (1272/2008)

| Component   | Notes |
|---|-------|
| Petroleum distillates, solvent dewaxed heavy paraffinic | L     |
| Petroleum distillates, solvent-refined light 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. 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**

Refer to protective measures listed in Sections 7 and 8.

**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.

|  |  |
|--|--|
| <b>Eye Protection</b>                  | Tightly fitting safety goggles   |
| <b>Skin Protection</b>                 | Impervious clothing. For prolonged or repeated contact use protective gloves. PVC. Neoprene. PVA.  |
| <b>General Hygiene Considerations</b>  | 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. Material can create slippery conditions. |
| <b>Environmental exposure controls</b> | 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.

|  |                            |                                     |                          |
|--|----------------------------|-------------------------------------|--------------------------|
| <b>Appearance</b>                              | Opaque, White to Light Tan | <b>Physical State</b>               | Liquid                   |
| <b>Odor Threshold</b>                          | No information available   | <b>Odor</b>                         | Slight                   |
| <b>pH</b>                                      | 8.9                        | (0.5% soln.)                        |                          |
| <b>Flash Point</b>                             | > 100°C                    | <b>Autoignition Temperature</b>     | No data available        |
| <b>Decomposition temperature</b>               | No information available.  | <b>Boiling Point/Range</b>          | No information available |
| <b>Melting Point/Range</b>                     | No information available   | <b>Flammable Limits</b>             | No information available |
| <b>Explosive Properties</b>                    | No information available   | <b>Specific Gravity (g/cm3)</b>     | 0.91                     |
| <b>Solubility (in H2O)</b>                     | Dispersible                | <b>Solubility in other solvents</b> | No information available |
| <b>Evaporation Rate</b>                        | No information available   | <b>Vapor Pressure, 20C/68F</b>      | No information available |
| <b>Vapor Density</b>                           | No information available   | <b>Density</b>                      | 0.91 kg/L; 7.5#/gal      |
| <b>Oxidizing Properties</b>                    | not an oxidizer            | <b>VOC Content</b>                  | No information available |
| <b>Solid content (%)</b>                       | >95                        | <b>Viscosity</b>                    | ~1000 cP @23C            |
| <b>Partition Coefficient (n-octanol/water)</b> | 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. 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                 |
|---|---|------------------------|---------------------------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic | 5000 mg/kg ( Rat )                          | >5000 mg/kg ( Rabbit ) | -                               |
| Petroleum distillates, solvent-refined light paraffinic | >3000 mg/kg (Rat)                           | >2000 mg/kg ( Rabbit ) | -                               |
| Treated silica  | 6350 mg/kg (Rat)                            | > 2000 mg/kg (Rat)     | -                               |
| Polyalkylene glycol ester                               | >5000 mg/kg ( Rat )                         | -                      | -                               |
| Organoclay  | 5000 mg/kg ( Rat )                          | -                      | 12.6 mg/L ( Rat ) 4 h           |
| Propylene carbonate                                     | 29000 mg/kg ( Rat )<br>> 20 ml/lg (Rabbit ) | 20000 mg/kg ( Rabbit ) | >5000 mg/m <sup>3</sup> ( Rat ) |

#### Chronic Toxicity

#### Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP  
 No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC  
 No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA  
 No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

#### 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

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

| Component   | Freshwater Algae | Freshwater Fish                             | Microtox               | Water Flea             |
|---|------------------|---|------------------------|------------------------|
| Petroleum distillates, solvent dewaxed heavy paraffinic | -                | -   | -                      | -                      |
| Petroleum distillates, solvent-refined light paraffinic | -                | -   | -                      | -                      |
| Treated silica  | -                | LC50: >10000 mg/l, 96h                      | -                      | EC50: >10000 mg/l, 24h |
| Polyalkylene glycol ester                               | -                | -   | -                      | -                      |
| Organoclay  | -                | -   | -                      | -                      |
| 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**

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 14: TRANSPORT INFORMATION****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         | Contact manufacturer |
| 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** 11-May-2011

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**Revision Summary** Update to Format

**Disclaimer**

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**End of Safety Data Sheet**