

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

Issue Date: 2009-09-25

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Revision Number: 10

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

### 1.1. Product identifier

**Product name** FOAM BAN® 154  
**Product code** U2154

*Contains Petroleum distillates, hydrotreated middle*

### 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

### 1.4. Emergency telephone number

**Emergency telephone** 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)

**Europe** 112

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

Aspiration toxicity	Category 1 - (H304)
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### 2.2. Label Elements

**Signal Word**

Danger

**Hazard Statements**

H304 - May be fatal if swallowed and enters airways

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

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

**2.3. Other hazards**

No information available.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures****Chemical nature of the product** Petroleum distillates mixture

Component	EC No.	CAS No	% [weight]	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Petroleum distillates, hydrotreated middle	265-148-2	64742-46-7	>90	Asp. Tox. 1 (H304)	No data available

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

### Section 4: FIRST AID MEASURES

**4.1. Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move victim to fresh air.
<b>Ingestion</b>	Clean mouth with water. If swallowed, DO NOT induce vomiting. Risk of product entering the lungs on vomiting after ingestion. Call a physician.
<b>Self-Protection of the First Aider</b>	Use personal protection equipment.

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

**Most important symptoms and effects** No information available.

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

**Notes to Physician** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable extinguishing media** 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.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**5.2. Special hazards arising from the substance or mixture**

**Hazardous Combustion Products** Thermal decomposition can lead to release of irritating gases and vapours. Carbon oxides.

**5.3. Advice for firefighters**

**Advice for fire-fighters** 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**

**Personal precautions** Use personal protection equipment. Avoid contact with skin, eyes and clothing.

**Protective precautions** Use personal protection equipment.

**6.2. Environmental precautions**

**Environmental Precautions** Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

**Methods for Containment** Prevent spreading over a wide area (e.g. by containment or oil barriers). 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).

**Methods for Clean-Up** Prevent product from entering drains. Pick up and transfer to properly labelled containers.

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

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Avoid temperatures above

60°C, direct sunlight and contact with sources of heat.

### 7.3. Specific end use(s)

**Specific Uses** No information available.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Exposure limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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

#### Personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields. If splashes are likely to occur, wear: Goggles.

**Skin protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. PVC. Neoprene. PVA.

**Respiratory protection** If exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.

**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** Clear, Colorless  
**Odor** Slight Petroleum distillates  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	No information available	No information available
Melting point/freezing point	No information available	No information available
Boiling point	260 °C	No information available
Flash Point	> 118 °C	CC (closed cup)
Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
Upper flammability limit	4.4	
Lower flammability limit	0.5	
Vapor Pressure	< 0.01	No information available
Vapor density	No information available	No information available
Specific Gravity	0.82	No information available
Water Solubility	No information available	No information available
Solubility in other solvents	insoluble	No information available
Partition coefficient: n-octanol/water	No information available	No information available

<b>Autoignition temperature</b>	No information available	No information available
<b>Decomposition temperature</b>	No information available.	No information available
<b>Viscosity</b>	< 50 mPas@25C < 25 mm <sup>2</sup> /s@40C	No information available
<b>Explosive properties</b>	Vapors may form explosive mixtures with air	
<b>Oxidizing properties</b>	No information available	

**9.2. Other information**

**VOC content (%)** above 70%

## 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** Heat, flames and sparks. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

**10.5. Incompatible materials**

**Incompatible Materials** Strong oxidizing agents.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides. Formaldehyde. Silica oxides.

## 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>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Aspiration hazard if swallowed - can enter lungs and cause damage.
<b>Unknown acute toxicity</b>	5% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	7,615.00 mg/kg
ATEmix (dermal)	2,001.00 mg/kg
ATEmix (inhalation-dust/mist)	5.54 mg/L

**Component Information**

Component	Oral LD50	Dermal LD50	Inhalation LC50
Organosiloxane	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	
Petroleum distillates, hydrotreated middle	= 7400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 4.6 mg/L ( Rat ) 4 h

<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>	No information available.
<b>STOT - single exposure</b>	No information available.
<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** Discharge into the environment must be avoided. When spilled, this product may act as an oil, causing a film, sheen, emulsion, or sludge at or beneath the surface of a body of water.

Component	Algae	Fish	Daphnia magna
Petroleum distillates, hydrotreated middle 64742-46-7	-	LL50 (96hr): >10000 mg/L (Fathead minnow)	ELO (21 day): 5mg/L (Daphnia magna)

**Unknown Aquatic Toxicity** 5% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**12.2. Persistence and degradability**

**Persistence and degradability** . Not readily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulation/Accumulation** Not likely to bioaccumulate. No information available.

**12.4. Mobility in soil**

**Mobility in Environmental Media** The product is insoluble and floats on water. Is not likely mobile in the environment due its low water solubility. Do not allow to enter into soil/subsoil.

**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**

<b>Waste from residues/unused products</b>	Can be incinerated, when in compliance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal. Do not burn, or use a cutting torch on, the empty drum.
<b>Waste codes / waste designations according to EWC / AVV</b>	160305 - organic wastes containing dangerous substances.
<b>Other information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

<b><u>ADR/RID</u></b>	Not regulated
<b><u>IMDG/IMO</u></b>	Not regulated
<b><u>IATA</u></b>	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 (METI)</b>	Complies
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>New Zealand</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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

**WGK Classification (VwVws)** Water endangering class = 1 (self estimation)

**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**

H304 - May be fatal if swallowed and enters airways

**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

<b>Classification procedure</b>	Minimum classification
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<b>Issue Date:</b>	2009-09-25
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<b>Revision Date:</b>	2015-07-09
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<b>Reason for revision</b>	Update to Format.
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**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.*

**End of Safety Data Sheet**