

SAFETY DATA SHEET

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

Issue Date 2012-08-21

Revision Number: 1

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

1.1. Product identifier

Product code U7P886
Product name AGITAN® P 886

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 Blend of glycols with an inorganic carrier

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 immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off with soap and water.
Ingestion	Rinse mouth with water.
Inhalation	Move victim to fresh air. If symptoms persist, call a physician.

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

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

5.2. Special hazards arising from the substance or mixture

POTENTIAL DUST EXPLOSION HAZARD. Static electricity may accumulate and ignite suspended dust. Ground/bond container and receiving equipment.

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

Avoid dust formation. Remove all sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Ensure adequate ventilation. Avoid breathing dust. Avoid exceeding of the given occupational exposure limits (see section 8).

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

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).

Sweep up or vacuum up spillage and collect in suitable container for disposal

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. Fine dust dispersed in air may ignite. Take precautionary measures against static discharges. Avoid dust formation in confined areas. Do not breathe vapours/dust.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Avoid moisture. Keep at temperatures between 15 and 25 °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.

Component	EU	United Kingdom	France	Spain	Germany
Limestone /Calcium carbonate.		TWA: 10 mg/m ³ TWA: 4 mg/m ³	VME: 10 mg/m ³		
Silicon Dioxide - hydrated		TWA: 2.4 mg/m ³ TWA: 6 mg/m ³			MAK: 4 mg/m ³

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

Respirator must be worn if exposed to dust. 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.

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	white
Physical State	Powder
Odor	Slight
pH	8.3 (20 g/L)@20C (ISO 976)
Flash point	Not combustible
Autoignition temperature	No information available
Boiling point	No information available
Melting point	No information available
Flammability	No information available
Explosive properties	Product is not explosive, however, formation of explosive air/ dust mixtures are possible.
Specific gravity	No information available
Solubility (water)	Partly miscible
Vapor pressure	No information available
Density	No information available
Oxidizing properties	not an oxidizer
VOC content (%)	No information available
Solid content (%)	100
Viscosity	No information available
Solvent content (%)	0.0

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.

10.4. Conditions to avoid

Avoid dust formation. Avoid dust accumulation in enclosed space. Temperatures above 500 °C.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors. 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
Limestone /Calcium carbonate.	6450 mg/kg (Rat)	-	-
Silicon Dioxide - hydrated	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>0.139 mg/L (14h) (Rat)
Polyalkylene glycol	> 2000 mg/kg (Rat)	-	-

Chronic Toxicity**Carcinogenicity**

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

Irritation

Respiratory irritation. 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 toxicology of similar products

Component	Algae	Fish	Toxicity to Microorganisms	Daphnia magna
Silicon Dioxide - hydrated	EC50 (72 h) = 440 mg/L (Selenastrum capricornutum)	LC50: >10000 96h (Brachydanio rerio)	-	EC50 (24 h) = >1000 mg/L EC50 (48 h) = 7600 mg/L
Polyalkylene glycol	-	LC50 (96h): >100 mg/L (Rainbow trout)	>1000 mg/L	EC50 (48 h): > 100 mg/l

12.2. Persistence and degradability

Not readily biodegradable.

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.

Is not likely mobile in the environment due its low water solubility.

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	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

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
Special Transport Requirements	

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
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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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