MÜNZING
CREATING ADDITIVE VALUE

SAFETY DATA SHEET

According to EC Directive 1907/2006/EC

Preparation Date 28-May-2010 **Revision Date** **Revision Number:** *0*

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product ID M2P883
Product Description: AGITAN® P 883
Recommended Use Antifoam agent / Defoamer

Contact Manufacturer

Munzing - Ultra Additives LLC.
1455 Broad Street
Bloomfield NJ 07003
United States

Email: info@munzing.us
Phone: 1-973-279-1306

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 (0) 172 631 4790

2. HAZARDS IDENTIFICATION

The product is classified and labelled in accordance with EU directives or respective national laws

Classification
Not dangerous

Most Important Hazards

EU Symbol(s) Not dangerous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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The product contains no substances classified as hazardous to health in concentrations which should be taken into account

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

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water 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 to fresh air. If symptoms persist, call a physician.
Notes to Physician	No information available.

5. FIRE-FIGHTING MEASURES

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

Extinguishing media which must not be used for safety reasons
No information available

Specific Hazards Arising from the Chemical
Potential dust explosion hazard. Static electricity may accumulate and ignite suspended dust.. Ground/Bond container and receiving equipment.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	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).
Environmental Precautions	Prevent further leakage or spillage if safe to do so
Methods for Containment	Sweep up or vacuum up spillage and collect in suitable container for disposal
Methods for Cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

7. HANDLING AND STORAGE

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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.

Storage Keep container tightly closed. Avoid moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Respiratory Protection Respirator must be worn if exposed to dust. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye Protection Tightly fitting safety goggles

Skin Protection Wear protective gloves/clothing.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use.

Environmental exposure controls No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	**Physical State**	Powder
Odor	Slight	**Odor Threshold**	No information available
pH	7.5	(20 g/L)@20C (ISO 976)	
Flash Point	> 100°C / 212°F	(DIN 22719)	
Autoignition Temperature	No information available	**Boiling Point/Range**	No information available
Melting Point/Range	No information available		
Flammable Limits No information available			
Explosive Properties	Product is not explosive, however, formation of explosive air/ dust mixtures are possible.	**Specific Gravity (g/cm3)**	0.55 (DGF H-II b)
Solubility (in H20)	Partly miscible	**Evaporation Rate**	No information available
Vapor Pressure, 20C/68F	No information available	**Vapor Density**	No information available
Density	600 g/l	**VOC Content**	No information available
Viscosity	No information available	**Solid content (%)**	100
Solvent content (%)	0.0		

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions

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

Materials to avoid No materials to be especially mentioned

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating gases and vapours. Carbon oxides. Silicon dioxide.

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

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
Silica, amorphous, precipitated and gel	>10000 mg/kg (Rat)	>5000 mg/kg (Rabbit)	LC0: 0.139 mg/l (Rat), 4h
Polyalkylene glycol	> 2000 mg/kg (Rat)	-	-
2,6-Di-tert-butyl-p-cresol	890 mg/kg (Rat)	-	-

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product (IARC, ACGIH, US OSHA, US 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

12. ECOLOGICAL INFORMATION

Ecotoxicity
Information given is based on data on the components and the toxicology of similar products.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Silica, amorphous, precipitated and gel	-	LC50: >10000 96h (Brachydanio rerio)	-	EC50: >10000 24h
Polyalkylene glycol	-	LC50 (96h): >100 mg/L (Rainbow trout)	>1000 mg/L	EC50 (48 h): > 100 mg/l
2,6-Di-tert-butyl-p-cresol	NOEC (72 hours): 0.4 mg/l (S. subspicatus)	LC0 (96 h): > 0.57 mg/l (Brachydanio rerio)	EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min	EC0 (48 h): > 0.17 mg/l (Daphnia magna)

Persistence/Degradability No information available

Bioaccumulative Potential No information available

Mobility No information available

Component	log Pow
2,6-Di-tert-butyl-p-cresol	4.17

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products Dispose of in accordance with local regulations

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal

EWC waste disposal No No information available

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

14. TRANSPORT INFORMATION

IMDG/IMO Not regulated

ADR/RID Not regulated

ICAO/IATA Not regulated

15. REGULATORY INFORMATION

Labelling:

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

WGK Classification Water endangering class = 1 (self estimation)

International Inventories

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

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

16. OTHER INFORMATION

Text of R phrases mentioned in Section 3
Not applicable

Labelling:

HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0

NFPA

Preparation Date 28-May-2010

Revision Date

Revision Summary No information available

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