

SAFETY DATA SHEET

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

Issue Date 2009-01-19

Revision Number: 2

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

1.1. Product identifier

Product code U1PG30
Product name DEE FO® PG-30

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 Polymer dispersion

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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water.
Inhalation	Move victim to fresh air.

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

None known.

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: 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. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

No information available.

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

Ensure adequate ventilation.

6.2. Environmental precautions

Avoid release to the environment. The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and material for containment and cleaning up

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).

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.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

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.

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

None under normal use conditions.

Eye Protection

Tight sealing safety goggles.

Skin protection

Lightweight protective clothing. Wear protective gloves.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

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	mild
pH	No information available
Flash point	> 183 °C / 362 °F
Boiling point	No information available
Melting point	No information available
Flammability	No information available
Explosive properties	No information available
Specific gravity	1.00
Solubility (water)	insoluble
Vapor pressure	No information available
Density	No information available
Oxidizing properties	not an oxidizer
VOC content (%)	No information available
Solid content (%)	>84
Viscosity	~3320 cps
Solvent content (%)	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. Hazardous polymerization does not occur.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides. Silicon dioxide. Formaldehyde.

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
Polyalkylene glycol ether	2300-9100 mg/kg (Rat)	> 8,000 mg/kg (Rabbit)	-
Organosiloxane	17 g/kg (Rat)	2 g/kg (Rabbit)	-

Chronic Toxicity**Carcinogenicity**

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

Irritation

Eye,rabbit:. Skin,rabbit:. May cause transient irritation.

Sensitization

No known effect.

Neurological Effects

No information available.

Mutagenic effects

Contains no ingredient listed as a mutagen.

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**

Discharge into the environment must be avoided

Aquatic toxicity is unlikely due to low solubility

Component	Algae	Fish	Toxicity to Microorganisms	Daphnia magna
Polyalkylene glycol ether	-	LC50: 20.6 mg/l (Pimphales promelas) LC50 (96h): > 500 mg/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

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

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