

Safety Data Sheet for 18338 Water Absorbing Fuel Treatment

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

NAME OF MANUFACTURER/SUPPLIER:

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PRODUCT NAME: Water Absorbing Fuel Treatment - T1989
PRODUCT TYPE: Concentrated Fuel Additive

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP:

* Eye Dam. 1: H318; Aquatic Chronic 2: H411; Skin Irrit. 2: H315

Most important adverse effects:

Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements:

* H315: Causes skin irritation.
H318: Causes serious eye damage.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms:

* GHS05: Corrosion
GHS09: Environmental



Signal words:

Danger

Precautionary statements:

* P264: Wash skin thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/eye protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/first aid.
P362: Take off contaminated clothing.

2.3. Other hazards

PBT:

This product is not identified as a PBT/vPvB subs

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

* Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS(HYDROXYETHYL) - REACH registered number(s): 01-2119490100-53

EINECS	CAS	PBT / WEL	CLP Classification	Percent
931-329-6	68155-07-7	-	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315	50-70%

2-METHYLPENTANE-2,4-DIOL

203-489-0	107-41-5	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%
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ETHANOL - REACH registered number(s): 01-2119457610-43

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%
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GLYCERINE

200-289-5	56-81-5	Substance with a Community workplace exposure limit.	-	1-10%
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4. FIRST AID MEASURES

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections Reference to other sections: Refer to section 8 of SDS.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well-ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	123 mg/m ³	123 mg/m ³	-	-

ETHANOL

UK	1920 mg/m ³	-	-	-
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GLYCERINE

UK	10mg/m ³	-	-	-
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DNEL/PNEC Values

DNEL / PNEC

No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State:	Liquid	Odour:	Perceptible odour
Colour:	Blue	Oxidising:	Not applicable.
Evaporation rate:	Slow	Viscosity:	Non-viscous
Solubility in water:	Soluble	Melting point/range°C:	0
Boiling point/range°C:	100	upper:	No data available.
Flammability limits %: lower:	No data available.	Part.coeff. n-octanol/water:	No data available.
Flash point°C:	No data available.	Vapour pressure:	No data available.
Autoflammability°C:	Not applicable.	pH:	9.50
Relative density:	0.950		
VOC g/l:	Not applicable.		

9.2. Other information

Other information: No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity Stable under recommended transport or storage conditions.

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid Heat. Hot surfaces.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS(HYDROXYETHYL)

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

2-METHYLPENTANE-2,4-DIOL

IPR	RAT	LDLO	1500	mg/kg
ORL	MUS	LD50	3097	mg/kg
ORL	RAT	LD50	3700	mg/kg

ETHANOL

Dermal	RAT	LD50	>2000	mg/kg
ORL	MUS	1H LC50	>20	mg/kg
ORL	RAT	LD50	>2000	mg/kg

GLYCERINE

ORAL	RAT	LD50	23000	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.
- Other information:** Not applicable.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Hazardous ingredients:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS(HYDROXYETHYL)

ALGAE	72H IC50	3.9	mg/l
DAPHNIA	72H ErC50	3.2	mg/l
FISH	96H LC50	2.4	mg/l

ETHANOL

ALGAE	48H EC50	>100	mg/l
Daphnia magna	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l

12.2. Persistence and degradability

Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

* Toxic to aquatic organisms.

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1. UN number	UN3082		
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD, N,N-BIS (HYDROXYETHYL))		
14.3. Transport hazard class(es)	Transport class: 9		
14.4. Packing group	Packing group: III		
14.5. Environmental hazards			
Environmentally hazardous:	Yes	Marine pollutant:	Yes
14.6. Special precautions for user	No special precautions.		
Tunnel code:	E		
Transport category:	3		

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Specific regulations:	Not applicable.
15.2. Chemical Safety Assessment	Not applicable.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects.
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Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.