



Profoam s.r.l

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PROFILM AFFF

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Safety data sheet dated 26-09-2011

Version 1



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

1.1. Product Identifier

Mixture identification: Fire fighting foam concentrate 1-3-6 %

Trade name: Profilm AFFF (1-3-6 %)

1.2. Relevant identified uses of the substance/mixture and uses advised against

Fire fighting foam concentrate

1.3. Details of the supplier of the safety data sheet

Company: Profoam srl

28060 San Pietro Mosezzo (NO)

via Marconi, 21

tel. 0321-485511 fax 0321-485522

Competent person responsible for the safety data sheet:

profoam@profoam.it

1.4. Emergency telephone number

Profoam srl

via Marconi, 21

28060 San Pietro Mosezzo (NO)

tel. 0321-485511 fax 0321-485522

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

This product is not a hazardous article and need not be labelled according to EC Directive 67/548, 99/45 as amended.

EC regulation criteria 1272/2008 (CLP):

Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:



Warning

Hazard Statements:

H319 Causes serious eye irritation.

Precautionary Statements:

P264 Wash with water thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.



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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special Provisions:

None

Special Provisions:

Safety data sheet available for professional user on request.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and corresponding classification:

< 15 % Diethylene Glycol Monobutyl Ether

N.67/548/CEE: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6


Xi; R36

 3.3/2 Eye Irrit. 2 H319

< 5 % Alkil sodium sulfate

CAS: 142-87-0 EC: 205-568-5

Xn, Xi; R22-38-41

 3.1/4/Oral Acute Tox. 4 H302

 3.2/2 Skin Irrit. 2 H315

 3.3/1 Eye Dam. 1 H318

4. FIRST AID MEASURES

4.1. Description of first aid measures

Contact with skin: Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes: Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

Swallowing: do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety- data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered. Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

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

None

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

Treatment:

None

5. FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media
This preparation is an extinguishing media.
- 5.2. Special hazards arising from the substance or mixture
Do not inhale explosion and combustion gases.
- 5.3. Advice for fire-fighters
Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
- 6.2. Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
Wash with plenty of water.
- 6.4. Reference to other sections
See also section 8 and 13

7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s)
None in particular

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Control parameters
Diethylene Glycol Monobutyl Ether - Index: 603-096-00-8, CAS: 112-34-5, EC No: 203-961-6
OEL Type: 04 LTE mg/m³: 100 LTE ppm: N.A. STE mg/m³: N.A. STE ppm: N.A.
Behaviour: N.A. Notes: Stato CH - skin
OEL Type: 05 LTE mg/m³: 67.5 LTE ppm: 10 STE mg/m³: 101.2 STE ppm: 15
Behaviour: N.A. Notes: Stato EU - skin
TLV TWA: 67,5 mg/m³; 10 ppm (OEL(IT))
TLV STEL: 101,2 mg/m³; 15 ppm (OEL(IT))
Alkil sodium sulfate - Index: NA, CAS: 142-87-0, EC No: 205-568-5
TLV TWA - TLV STEL- VLE 8h- VLE short: None.
- 8.2. Exposure controls
Eye protection:
Not needed for normal use. Anyway, operate according good working practices.
Protection for skin:
No special precaution must be adopted for normal use.
Protection for hands:

Not needed for normal use.
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None
Environmental exposure controls:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance and color	clear liquid, straw colored
Odour:	carateristic
Odour threshold:	N.A.
pH:	6 - 8
Melting point / freezing point:	- 5 °C
Initial boiling point and boiling range:	> 100 °C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	< 1
Flash point:	> 100 °C
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	1.0 - 1.2 g/ml
Lipid solubility:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	> 2 cSt
Explosive properties:	N.A.
Oxidizing properties:	N.A.

9.2. Other information

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

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
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
Carbon oxide

11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects
Oral toxicity LD50 (rat) > 2000 mg/Kg

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
Do not use when plants are in flower: the product is toxic for bees.

Test: LC50(Leosiscus)> 1000 mg/l

- 12.2. Persistence and degradability
Biodegradability: >90% (OECD)
- 12.3. Bioaccumulative potential
N.A.
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects
None

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

Not regulated (Not Hazardous)

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).

- 15.2. Chemical Safety Assessment
No

16. OTHER INFORMATION

Text of phrases referred to under heading 3:

R22 Harmful if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.

H319 Causes serious eye irritation.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.