

Material Safety Data Sheet

1. Identification of the substance and the company

1.1 Identification of the substance

Trade name

EFKAPUR DO

Description/Use

PRESPOTTING AGENT FOR BRUSHING

1.2 Identification of the company

Company name

TINTOLAV s.r.l.

Address

Via Massimo D'Antona, 7

Postal town and country

10028 TROFARELLO (TO)

ITALY

tel. +39 011/6496827

fax +39 011/6496742

Emergency telephone number: Ospedale
Niguarda (MI), Poison prevention centre

tel. +39 02/66101029

2. Composition / Information on the ingredients

Chemical characterization: Preparation

Hazardous components	CAS-No. EINECS-No. ELINCS-No.	Etichettatura	Frase-R	Concentrazione (C)
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6	Xi	R36	2,51 - 10
Alkylbenzolsulfonate	68411-30-3 270-115-0	Xi	R36 - R38	10 - 25
Fettalkoholethoxylat	69011-36-5	Xi	R36 -R38	10 - 25
Dietanolamina	111-42-2 203-868-0	Xn	R22 - R48 - R38 - R41	2,5 - 10
Alkanolaminesterquat	97338-06-2	Xi	R38	0,01-2,5
Sek. Natriumalkansulfonat	85711-69-9 288-330-3	Xi	R36	2,5 - 10
Fettsaurediethanolamid	68425-47-8 263-153-4	Xi	R36 - R38	2,5 - 10
Diisooctylsulfosuccinat,Natriumsalz	577-11-7 209-406-4	Xi	R36 - R38	2,5 - 10

3. Hazards identification

3.1 Classification of the substance and of the preparation

Indication of danger: Xi Irritant

R36/38 Irritating to eyes and skin.

Classification system: The classifications are in line with current EG lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4. First aid measures

General advice: Remove from exposure and lie down. Take off contaminated clothing and shoes immediately. Never administer anything by mouth to an unconscious person.

Eye contact: Flush copiously with clean fresh water for at least 15 minutes, holding the eyelids apart. Seek medical help.

Skin Contact: Wash off with plenty of water. If skin irritation persists, seek medical help.

Inhalation: Move immediately to fresh air.

Ingestion: Rinse mouth with water. Do not swallow. Call medical help immediately.

Risks: Risk of product entering the lungs on vomiting after ingestion

5. Fire-fighting measures

Specific hazards during fire fighting: Carbon monoxide (CO) unburned hydrocarbons.

Special protective equipment for fire-fighters: Standard procedures for chemical fires.

Suitable extinguishing agent: Alcohol resistant foam, dry-chemical, carbon dioxide or sand.

Extinguishing media which must not be used for safety reasons: High volume water jet.

Further information: In the event of fire and/or explosion do not breathe fumes.

6. Accident release measures.

Personal precautions: Wear protective clothing. Keep away from ignition sources. Use in a well ventilated area.

Environmental precautions: Prevent spills from entering to groundwater. Do not discharge into drains, sewers or rivers.

Clean up procedures. Soak up with oil absorbent materials.

7. Handling and storage

Handling

Safe handling advice: Take precautionary measures against static discharges. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

Procedures against fire and explosion: Keep away from heat and sources of ignition and oxidising agents

Storage

Requirements for storage areas and containers: Store the product in tightly closed original containers in a cool, dry, well ventilated storeroom. Must be stored in a safe location for flammable liquids

Advice on common storage: Incompatible with oxidising agents.

8. Exposure controls / personal protection

Additional technical information: Ensure adequate ventilation, especially in confined areas. Keep away from heat and sources of ignition.

Components with workplace control parameters

CAS-Nr.	Product	Value	Update	Basis
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Additional information: The lists that were used during the compilation were used as basis.

Personal protection procedures.

Hand protection: Neoprene gloves, preventative skin protection. Do not wear leather gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the glove manufacturer. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion and contact time.

Eye protection: Safety glasses.

Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Take off contaminated clothing and shoes immediately. Wash hands thoroughly before breaks and at the end of the workday.

Protective measures: Use only in well ventilated areas. Washing hands thoroughly before breaks and at the end of the workday. Keep away from food, drink and animal feed.

9. Physical and chemical properties

Colour	yellow	
Smell	characteristic	
Physical state	liquid	
Boiling point range	no data available	
Solidification temperature range:	no data available	
Flash point	> 100°C	DIN 51755
Ignition temperature	no data available	
Auto-ignition temperature	not self-inflammable	
Upper explosion limit	no data available	
Lower explosion limit	no data available	
Density at 20°C	0,98-1,020 g/cm ³	DIN 51757
Water solubility	soluble	
Viscosity at 20°C	ca. 78 mPa.s	DIN 51562
pH value at 20°C	6,80 – 8,20	DGF-H-III-1

10. Stability and reactivity

Conditions to be avoided: Avoid formation of aerosols. Keep away from heat and sources of ignition. Take precautionary measures against static discharges.

Materials to be avoided: Strong oxidising agents.

Hazardous reactions: Vapours may form explosive mixtures with air.

Note: No decomposition if stored as directed.

11. Toxicological information

Acute toxicity:

Oral LD50 rat >5000 mg/kg

Eye irritation: Irritating to eyes.

Skin irritation: Prolonged skin contact may cause skin irritation and/or dermatitis.

Further information: Degreases the skin. Prolonged skin contact may cause skin irritation. Inhalation of aerosols may cause irritation.

12. Ecological information

Elimination information (persistence and degradability):

AOX: Remarks – Product does not contain any organic halogens.

Further information: Do not flush into groundwater or discharge into drains, sewers or rivers. Separation by oil-separation system.

13. Disposal considerations

Product: Can be incinerated when in compliance with Local Authority regulations.

Contaminated packaging: Dispose of as special waste in compliance with local and national regulations.

14. Transport information

Regulation

UNAD-No.

Proper shipping name

Packaging group

Class

Regulation

UNAD-No.

Proper shipping name

Packaging group

Class

Regulation

UNAD-No.

Proper shipping name

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Class

15. Regulatory information

Hazardous components which must be listed on the label:

Labelling Xi Irritant

R-phrases(s):

R36/38 Irritating to the eyes and skin.

S-phrases(s):

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Further information: Contact with the product may lead to skin or eye irritation.

16. Other information

PRODUCT FOR ONLY PROFESSIONAL USE IN THE LAUNDRIES.

Text of R-phrases(s) mentioned in Section 2 + 3

- R10 Flammable.
- R36 Irritating to the eyes.
- R37 Irritating to the respiratory system
- R38 Irritating to the skin.
- R41 Risk of serious damage to the eyes.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful; May cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

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