

SPOTTING AGENT D4

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Material Safety Data Sheet

1. Identification of the substance and the company

1.1 Identification of the substance

Trade name

SPOTTING AGENT D4

Description/Use

FOR USE ON PROTEIN STAINS. FOR REMOVAL OF EGG,
MILK, BLOOD
AND ICE-CREAM STAINS.

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.	Symbol(s)	R-phrases(s)	Concentration
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Alcohol primario n-c10, poli etossilato	26183-52-8	Xn	R22, R41	1 – 15
Alcohol primario n-c10, poli etossilato	26183-52-8	Xn	R22, R41	1 – 15

3. Hazards identification

3.1 Classification of the substance and of the preparation

Indication of danger: Xn Harmful

R22 Harmful if swallowed

R41 Risk of serious damage to eyes.

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:

Immediately withdraw all contaminated clothing

Inhalation: to bring the subject in the area very well ventilated and safety consult a doctor. Usually irrelevant

Contact with the skin: Wash immediately with soap and water rinsing thoroughly.

Contact with the eyes: rinse immediately with plenty of water for at least 15 minutes. If irritation persists, consult a doctor

Ingestion: absolutely not cause vomiting. Using an immediate medical examination. Rinse your mouth and drink plenty of water.

Indication to the doctor:

Symptoms: can 'cause nausea, state of unconsciousness, gastrointestinal disorders.

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5. Fire-fighting measures

Dangers posed against the fire:
Carbon monoxide

Means extinguishing Using splashes water, alcohol resistant foam, dry chemical or carbon dioxide

Media extinction unsuitable for security reasons: plenty of water jet

Special Procedures: avoid breathing fumes of combustion.

Means of protection: normal procedures for chemical fires

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
34590-94-8	Methoxypropoxypropanol	310mg/m ³ 50ml/m ³ (ppm)	06/1999	TRGS 900

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	0,995 g/cm ³ DIN 51757
Water solubility	soluble

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Viscosity at 20°C
pH value at 20°C

ca. 13 mPa.s
6,0 -7,5

DIN 54453
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

Data on (persistence and degradability)

Mild biodegradable:> 70%, 28 d, OECD Directive 301-A (new version)

Mild biodegradable:> 60% 28 d, OECD Directive 301-B

The surfactants in the product comply with the regulations of the European Community on the biodegradability of surfactants.

Danger for water class 1 (self-assessment): little dangerous (VwVwS/17.05.1999).

Avoid penetration in the subsurface. Do not download the flow of water washing into surface or sanitation health. Before downloading treat sewage in the solutions used as provided by the rules.

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.

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Class

15. Regulatory information

Hazardous components which must be listed on the label:

Labelling Xn Harmful

R-phrases(s):

R22 Harmful if swallowed.
R41 Risk of serious damage to the eyes.

S-phrases(s) S2 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 In case of contact

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

Classification of certain specific preparations:

Components parameter 89/542/EEC

Class hazard for water:

Hazard for water class 1 (self-assessment): little dangerous (VwVwS/17.05.1999)

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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