

Material Safety Data Sheet

1. Identification of the substance and the company

1.1 Identification of the substance

Trade name SPOTTING AGENT D1
Description/Use FOR USE ON FOOD, SAUCE, CHOCOLATE AND PERSPIRATION

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
tel. +39 02/66101029

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

2. Composition / Information on the ingredients

Chemical characterization: Preparation

| Hazardous components | CAS-No. EINECS-No. ELINCS-No. | Symbol(s) | R-phrases | Concentration |
|-------------------------------------|---------------------------------------|-----------|-----------|---------------|
| Butylglycol | 112-34-5 203-961-6 603-096-00-8 | Xi | R36 | 1 – 10 |
| Natrium Dodecylbenzenesulphonate | 68081-81-2 | Xi | R38, R41 | 1 – 15 |
| Sulfobernsteinsaeureisooctylester | 577-11-7 | Xi | R36,R38 | 1 – 15 |

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.

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 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

Dangers posed against the fire:

Carbon monoxide

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

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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.

Individual precautions: use protective devices. Eliminate all sources of combustion. Ban on smoking. Provide adequate ventilation.

Environmental precautions: contain the loss with earth or sand. Avoid penetration in the subsurface. Do not download the flow of water washing into surface or sanitation health.

If the product is defluito in a Corsican water, sewerage or contaminated soil or vegetation, notify the authorities!

Cleaning methods: impregnating with absorbent material inert. Disposal of contaminated material see section 13.

7. Handling and storage

Precautions: usual for handling chemicals

Terms recommended: Store tightly closed containers in well-ventilated. Store in original container. Do not store with oxidizing agents.

Directions for the premises: Fresh and adequately ventilated.

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 |
|----------|-------------|--|--------|-------|
| 112-34-5 | Butylglycol | 100mg/m ³ 50ml/m ³ (ppm) | | |

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 | 1,013 g/cm ³ | DIN 51757 |
| Water solubility | soluble | |
| Viscosity at 20°C | ca. 88 mPa.s | DIN 54453 |
| pH value at 20°C | 6,5 -7,5 | 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: Reactions with strong oxidizing

Note: No decomposition if stored as directed.

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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: No sensitizing effect known

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

You can dispose of in accordance with the requirements and technical standards required by existing authorizations. It can be disposed of together with household waste, taking into account the technical standards required, having conferred with the collection and disposal and the competent authority.

It can / can be incinerated when the local law allows.

14. Transport information

not dangerous

15. Regulatory information

Hazardous components which must be listed on the label:

Labelling Xi Irritant

R-phrase(s):

R36 Irritating to the eyes.
R38 Irritating to the skin.
R41 Risk of serious damage to the eyes.

S-phrase(s)

S23 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

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-phrase(s) mentioned in Section 2 + 3

R10 Flammable.

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- 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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