

Material Safety Data Sheet

1. Identification of the substance and the company

1.1 Identification of the substance

Trade name

SPOTTING AGENT D2

Description/Use

FOR USE ON RUST-SPOTTING AND SIMILAR 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: hydrofluoric acid

Hazardous components	CAS-No. EINECS-No. ELINCS-No.	Symbol(s)	R-phrases(s)	Concentration
Hydrofluoric acid	7664-39-3 231-634-8 009-003-00-6	T + C	R26/27/28 R35	> 7 %

3. Hazards identification

The product is highly toxic following acute exposure to it and poses an extremely serious health threat if inhaled, ingested, or brought into contact with the skin.

The product is highly corrosive and, if brought into contact with the skin, causes serious burning, with the rapid destruction of the entire thickness of skin tissue.

4. 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.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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.

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

Swallowing:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Give liquid paraffin to drink; do not give milk or animal or vegetable fats of any kind.

Give 1 pint of milk or water to drink. Give repeated drinks of water (one capful) every 10 minutes.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

If breathing stops, apply artificial respiration.

5. Fire-fighting measures

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. Accident release measures.

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. Handling and storage

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep the containers tightly closed.

Always keep in a well ventilated place.

Instructions as regards storage premises:

Cool and adequately ventilated.

8. Exposure controls / personal protection

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Not needed for normal use.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

hydrofluoric acid ... %

TLV STEL: C 3 ppm - C 2.3 mg/m³

Packaging group
Class

15. Regulatory information

Hazardous components which must be listed on the label:

88/379/EEC (Classification and Labelling): hydrofluoric acid > 7 %
CAS: 7664-39-3 EEC: 231-634-8 N.INDICE: 009-003-00-6

Symbols:

C Corrosive
T+ Very toxic

R Phrases:

R26/27/28 Very toxic by inhalation, in contact with skin, and if swallowed.
R35 Causes severe burns.

S Phrases:

S1/2 Keep locked up and out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S7/9 Keep container tightly closed and in a well-ventilated place.

Notes:

B The concentration must appear on the label.

Special Provisions:

EC label.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

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-phrase(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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