

Material Safety Data Sheet

1. Identification of the substance and the company

1.1 Identification of the substance

Trade name IL TOGLIMACCHIA
Description/Use SPOTTING AGENT- WET WASHING

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

Denominazione	Concentrazione (C)	Classificazione
Mixture of anionic-no ionic surfactants and peroxide of hydrogen in water solution		
PEROSSIDO DI IDROGENO	35%	CAS 772282-84-1 EINECS 231-765-0 inferiore al 10%

3. Hazards identification

There is no specific risk in the normal use.

4. First aid measures

Skin contact: Rinse with plenty of running water and soap
Eye contact: Wash immediately with water for at least ten minutes
Swallowing: A suspension of activated charcoal in water, or liquid paraffin may be administered. Do not absolutely induce vomiting. Seek a medical examination immediately and present the safety-data sheet.
Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in well ventilated area. Should the patient feel unwell. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Recommended Extinguishers: Water, CO2, Foam, chemical powders, according to the materials involved in the fire.
Forbidden extinguishers: None.
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 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 for the 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 drink or eat while working.
Incompatible solutions:	//////
Storage conditions:	No specific advice
Instructions as regards storage premises:	Adequately ventilated

8. Exposure controls / personal protection

Concentration limits in the workplace: no data is available on the TLV
Precautionary Measures: usual for chemicals
Respiratory protection: unnecessary
Eye protection: Using goggles during transfer
Skin protection: use of personal protective equipment
Hand protection: use protective gloves and waterproof material stable against product / substance formulation. The selection of suitable gloves not only depends on the material but also other characteristics of quality vary from one producer to another. Because the product is a formulation of several substances, stability gloves is not calculable in advance and must be tested before use.
Time permeation material gloves: Requesting the supplier the precise time step which must be respected.

9. Physical and chemical properties

Colour	Transparent liquid
Smell	characteristic
Physical state	liquid
Ph:	4,5 / 5
Solubility in water:	Complete

Biodegradability: over 90% (art. n. 136 of 26/04/1986 art. 2 and 4)
Chemical composition
(art. 8 L. 7/1986 - RACC.CE 89/542)
It doesn't include phosphorus (P)
Between 5% and 15%: anionic and nonionic surfactants
Inferior of 5%: potassium oleate
Lower components: Perfume and preservatives.

10. Stability and reactivity

Conditions to avoid:	No dangerous reactions known under normal conditions of use
Substances to avoid:	No dangerous reactions known with common products.
Hazardous decomposition products:	It may produce inflammable gas on contact with elementary Metals, nitrides, inorganic sulphides, strong reducing agents. It may produce toxic gas on contact with inorganic sulphides, strong reducing agents.

11. Toxicological information

Notes - The TLV, as set from ACHIH are recommendations and should be used as guidelines for good practice.
There are three categories of TLV namely:
TLV-TWA: weighted average concentration over time for a working day of 8 hours to 40 hours per week to which all workers can be ex-

posed repeatedly without adverse effects.

TLV-STEL: concentration to which workers may be exposed for a short period of time without that arise irritation, chronic or irreversible tissue, narcosis.

Exposure STEL should not exceed 15 minutes and must not be repeated more than 4 times a day. Among exposure and the other must pass at least one hour.

TLV-C: (Ceiling) concentration that should never be exceeded even instantly.

No substance to report

TOKSIKOLOŠKE FURTHER INFORMATION: The product is not subject to classification of preparations in its latest fine. On the basis of our experience and the information available product is not harmful to health if handled properly and used in accordance with the rules.

12. Ecological information

Use the product in accordance with good working practices, avoiding to release it into the environment

Notify the competent authorities if the product has reached watercourses or sewers or if it has contaminated soil or vegetation.

13. Disposal considerations

Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. Transport information

International regulations

Land

Rail/mad (RID/ADR) Not restricted

Sea (IMO/IMDG) Not restricted

Air (ICAO/IATA) Nor restricted

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15. Regulatory information

GRADING THE SECOND EEC directives: In the handling of chemicals observe the usual precautionary measures. In accordance with the EC directives product is not subject to codification.

SPECIFIC CLASSIFICATION OF CERTAIN PREPARATIONS: safety data sheet available on request for professional users.

NATIONAL PROVISIONS:

SECOND Vbc CLASSIFICATION:

ARS (TEGEWA):

PERICOLOSITA CLASS OF 'WATER FOR THE CLASS 1 (WGK1): little dangerous

Contiens:

Mixture of anionic-no ionic surfactants and peroxide of hydrogen in water solution

16. Other information

PRODUCT FOR ONLY PROFESSIONAL USE IN THE LAUNDRIES.

The information contained in this form of security is based on our current knowledge

And are provided in accordance with Directive 91/155/EEC, as amended and supplemented. The product should not be

Used for purposes other than those specified in paragraph 1 without first obtaining written instructions. No

Assume responsibility for any misuse.

And 'responsibility of always comply with standards of hygiene, safety and environmental protection

Provided by law.

The information contained in this form are to be understood as the description of product characteristics for the purposes of security should not be considered as collateral properties of the product itself.

SOURCES:

NIOSH - Registry of toxic effects of chemical substances (1993)

CESIO - Classification and labelling of anionic, non-ionic surfactants (01/2000)

SAX'S Dangerous Properties of Industrial Materials (1993)

ACGIH "2001 TLV"

TLV "2000/39/EC"

ECDIN DB

KBws list