

## Material Safety Data Sheet

### 1. Identification of the substance and the company

#### 1.1 Identification of the substance

Trade name

APRETEX

Description/Use

STIFFENER AGENT FOR CLOTHING. TREATMENT AFTER 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

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

tel. +39 02/66101029

### 2. Composition / Information on the ingredients

Water dispersion of polymers

No declaration required

### 3. Hazards identification

No specific hazards are encountered under normal product use.

### 4. First aid measures

Inhalation:

Ventilate the premises.

Eye contact:

Rinse immediately with plenty of water for at least 10 minutes – keep eye wide open while rinsing. Seek medical advice.

Skin contact:

Rinse immediately with plenty of water and soap. If skin irritation persists, call a physician.

Ingestion:

Rinse mouth and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet. A suspension of activated charcoal in water, or liquid petrolatum may be administered.

### 5. Fire-fighting measures

the product does not present a fire hazard

Extinguishers not to be used:

None in particular.

Risk arising from combustion:

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

Avoid inhaling the fumes.

Protective equipment:

Use protection for the airways.

### 6. Accident release measures.

Personal precaution:

None in particular

Use gloves and protective clothing

Environmental precautions:

Limit leakages with earth or sand

None in particular

Method of cleaning up:

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

Recover the products 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 with skin and eyes

Incompatible materials:

None in particular

Storage conditions:

Store above 5°C

Instructions as regards storage premises:

Adequately ventilated premises.

## 8. Exposure controls / personal protection

Respiratory protection: not needed for normal use

Protection for hands: not needed for normal use

Eye protection: not needed for normal use

Protection for skin: no special precaution must be adopted for normal use

All the individual protection devices must be consistent to CE relevant standards (as EN 374 for gloves and EN 166 for goggles), maintained efficient and stored in appropriate way. The life of the protection devices against the chemical agents depends on various factors (the way they are used, climatic factors and storage conditions), that can remarkably reduce also the life foreseen by CE standards. The consultation of the supplier of the protection devices is always recommended.

The education of the worker to use of the equipment devices is mandatory.

Exposure limit value of single components: none

## 9. Physical and chemical properties

Smell	typical
Physical state	liquid
Boiling point range	100° C.
Colour	white
pH	4,5-5,0
Water solubility	dispersible
Lipid solubility	insoluble

## 10. Stability and reactivity

Conditions to avoid:

Stable under normal conditions.

## 11. Toxicological information

route(s) of entry:

ingestion: yes

inhalation no

contact no

toxicological information related to the product:

no toxicological data are available at the moment on the product itself.

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the Preparation.

The product does not contain toxicologically relevant substances.

Corrosive/Irritating properties:

Eye the product can cause a temporary irritation by contact.

Sensitizing properties:

No effects are known

Carcinogenic effects:

No effects are known

Mutagenic effects:

No effects are known

Teratogenic effects:

No effects are known

## 12. Ecological information

Biodegradability: no data available on the preparation

Aquatic toxicity: the preparation is not to be considered toxic to the aquatic environment based on components.

LC50 > 100 mg/l – aquatic species (calculated data following 1999/45/EC directive).

Adopt good industrial practices, so that the product is not released into the environment.

## 13. Disposal considerations

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Disposal of hardened product (EC waste code): 08 04 10

Disposal of not hardened product (EC waste code): 08 04 10

The suggested European waste code is just based on the composition the product.

According to the specific process or applicant field a different waste code may be necessary.

## 14. Transport information

no dangerous good

## 15. Regulatory information

Council Directive 67/548/ECC (classification, packaging and labelling of dangerous substances) and subsequent amendments.

Commission Directive 1999/45/CE (classification, packaging and labelling of dangerous preparation) and subsequent

amendments. Commission Directive 2001/58/CE (Safety data sheets). Commission Directive 98/24/CE (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/CE (occupational exposure limit Values).

The preparation should not be considered as dangerous accordingly to dir. 99/45/ECC.

## 16. Other information

### PRODUCT FOR ONLY PROFESSIONAL USE IN THE LAUNDRIES.

Main bibliographic sources:

NIOSH – registry of toxic effects of chemical substance (1983)

Istituto Superiore di Sanita' – Toxicological sheets of organic solvents used in industrial technology cycles (1985)

Istituto Superiore di Sanita' – Inventario nazionale sostanze chimiche

ECDIN – Environmental Chemicals Data and Information Network – Joint Research Centre, Commission of the European Communities

ACGIH – Threshold Limit Values – 2004 edition

SAX'S – Dangerous properties of industrial materials – Tenth Edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the Product indicated and constitutes no guarantee of particular quality.

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