

## 0Material Safety Data Sheet

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

#### 1.1 Identification of the substance

Trade name TINTOSOFT  
Description/Use FRESH SCENTED SOFTENER FOR ALL FABRIC TYPES FOR BOTH MACHINE AND HAND 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

Chemical characterisation: Preparation  
Chemical composition  
(art. 8 L. 7/1986 - RACC.CE 89/542)  
Mixture of cationic surfactants in water solution  
Lower components: Perfume

### 3. Hazards identification

There is no specific risk in the normal use.

### 4. First aid measures

Skin contact: The product is not irritating to the skin .  
Eye contact: Wash immediately with water for a few minutes taking the eyelids open well  
Swallowing: Drinking plenty of water and made to rest in well ventilated area. 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, dust, according to the materials involved in the fire.

### 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

Precautionary measures:	Give adequate ventilation to the premises where the product is stored and / or handled
Personal protective equipment	
Respiratory protection:	Not necessary in normal use
Protection for hands:	Not necessary in normal use
Eye protection:	Not necessary in normal use
Protection for skin:	Not necessary in normal use

## 9. Physical and chemical properties

Colour	<i>White liquid</i>
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 <sup>3</sup> DIN 51757
Water solubility	soluble
Viscosity at 20°C	ca. 88 mPa.s      DIN 51562
pH value at 20°C	4      DGF-H-III-1

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)	
Inferior of 5%: Cationic surfactants	
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 of the 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 exposed 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

Adopt sound working practices, so that the product is not released into the environment.

Biodegradability: The product is totally bio transformed (metabolized)

## 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

Road transport or rail:

NOT DANGEROUS

Maritime transport:

NOT DANGEROUS

Air transport:

NOT DANGEROUS

## 15. Regulatory information

GRADING THE SECOND EEC directives: In the handling of chemicals view

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

## 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. Do not 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,	nionionic	surfactants	(01/2000)
SAX'S		Dangerous	Properties	of	Industrial		Materials		(1993)
ACGIH			"2001				TLV"		

# TINTOSOFT

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TLV  
ECDIN DB  
KBws list

"2000/39/EC"