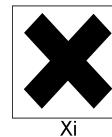


# Safety Data Sheet

## DILUENTE PER FLASH 3



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Safety Data Sheet dated 29/9/2003, version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name DILUENTE PER FLASH 3

Trade code : D03

Product type and use: Thinner

Supplier:

Ind. Chimica Reggiana spa Via Gasparini,7 42100 REGGIO EMILIA

Emergency telephone number of the company and/or of an authorised advisory centre:

INDUSTRIA CHIMICA REGGIANA spa Tel. 0522-517803

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

75% - 100% ethyl acetate

N.67/548/EEC: 607-022-00-5 Cas: 141-78-6 EINECS: 205-500-4

F Xi R11 R36 R66 R67

### 3. HAZARDS IDENTIFICATION

The product easily catches fire if it is exposed to an ignition source.

If brought into contact with the eyes, the product causes considerable irritation which can last for over 24 hours.

Repeated exposure to the product can cause the skin to become dry and chapped.

The vapours issued by the product can cause drowsiness and vertigo if inhaled.

### 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 toxin must be rinsed immediately with plenty of running water and possibly with soap.

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.

Swallowing:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid petrolatum may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

### 5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

CO2 or Dry chemical fire extinguisher.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.



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Protective equipment:  
Use protection for the airways.  
Cool the containers exposed to the fire with water.

### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:  
Use gloves and protective clothing.

Environmental measures:  
Limit leakages with earth or sand.  
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.  
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:  
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.

### 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.  
Do not smoke while working.

Storage conditions:  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

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:  
Required where ventilation is insufficient or exposure is prolonged.  
Use adequate protective respiratory equipment.

Protection for hands:  
Use protective gloves.

Eye protection:  
Not needed for normal use.

Protection for skin:  
No special precaution must be adopted for normal use.

Exposure limits of the substances contained:

Name	TLV-TWA	TLV - STEL
ethyl acetate	200-300 ppm	300-350 ppm

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Transparent colourless flowing compound  
Odour: Typical  
Flash point: 2°C.  
Specific gravity: 0,9 ± 0,03

### 10. STABILITY AND REACTIVITY

Conditions to avoid:  
Stable under normal conditions.)

Substances to avoid:  
Avoid contact with burning materials. The product could catch fire.

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Hazardous decomposition products:

### 11. TOXICOLOGICAL INFORMATION

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

Set out below is the toxicological information relating to the main substances in the preparation.  
ethyl acetate

Toxicological Information

OBSERVATIONS IN MAN:

400 ppm: irritating for the eyes.

Serious toxic effects at 2000 ppm/60 min, symptoms of discomfort at 800 ppm.

Power to irritate the eyes: liquid and vapour cause irritation and temporary damage to the cornea.

Power to irritate the skin: repeated contact with the substance can cause irritation, delipidation with consequent dermatitis, eczema and sensitizing.

Swallowing: Inhalation while swallowing can cause serious lesions to the lungs. It may also cause nausea, vomiting, vertigo, cephalgia and depression. Massive doses can also cause coma and death.

Inhalation: exposure to the vapour irritates the first airways. It can also lead to irritation of the lungs:

Other effects: anemia, tracheitis, damage to the liver.

Carcinogenicity: the substance is not classified as being carcinogenic.

Toxic effects on reproduction/development: non-toxic.

### 12. ECOLOGICAL INFORMATION

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

### 13. DISPOSAL CONSIDERATIONS

The waste of non-polymerized material must be considered as "Toxic and Harmful" waste, because the presence of organic solvents is higher than what allowed by European laws.

The empty containers must be considered special waste materials (Art. 5 D.P.R. 915/82) to take to dump of type 2B. If previously cleansed, they can be admitted in first class dumps.

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

### 14. TRANSPORT INFORMATION

Roads and railways (ADR/RID) Class: 3

Classification code : F1

ADR\_UN Number : 1263

ADR\_Packing\_Group : II°

Limited quantities, not liable to ADR norms for internal packages up to a capacity of 5 liters and a maximum 20 liter content per pack.

Sea (IMO) Class: 3.2

IMDG\_UN\_Number : 1263

IMDG\_Packing\_Group : II°

IMDG\_Page : 3268

IMDG\_Label : 3

IMDG\_EMS : 3-05

IMDG\_MFAG : 310

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### 15. REGULATORY INFORMATION

Ministerial Decree DM 28/1/92 (Classification and Labelling):

Symbols:

F Highly flammable

Xi Irritant

R Phrases:

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Special Provisions:

EC label.

Contents:

ethyl acetate

Where applicable, refer to the following regulatory provisions :

Law 136/83 (Biodegradability of detergents).

Presidential Decree D.P.R. 175/88 (Seveso Directive), Appendices II°, III° e IV°.

### 16. OTHER INFORMATION

Text of R phrases referred to under heading 2:

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

CESIO - Classification and labelling of anionic, nonionic surfactants (1990)

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.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.