

Safety Data Sheet

SECTION 1. Identification of the substance or mixture and of the company / undertaking

1.1. Product identifier

Code: **F232**

Name of the product: DISHWASHING TABS ALLIN1 26X18g

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description / Use detergent tablets for dishwasher machines.

1.3. Details of the supplier of the safety data sheet

Company UT EUROPE SRL

Address Via Scarsellini 119, 10° piano

District and Country 16149 Genova (GE) Italy

tel. 0039/0106467 352

fax 0039/0104694 678

e-mail address of the responsible person , responsible for the safety data sheet: info@uteurope.it

1.4. Emergency telephone number

For urgent inquiries refer to Niguarda Hospital Milano, Poison Control Center 0039/0266101029

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).

The product therefore requires a safety data sheet in compliance with the provisions of Regulation (EU) 2015/830.

Any additional information regarding risks to health and / or the environment are reported in the sec. 11 and 12 of this sheet.

Regulation 1272/2008 (CLP) and subsequent amendments.

Classification and hazard statements:

Eye Irrit. 2 H319

2.2. Label's elements.

Danger labeling under Regulation (EC) 1272/2008 (CLP) and subsequent amendments.

Hazard pictograms:



WARNING**Hazard statements:**

H319 Causes serious eye irritation.
EUH 208 Contains subtilisin: may cause allergic reactions

Precautionary statements:

P101 If medical advice is needed, have the product container or label
P102 Keep out of reach of children.
P280 Protect your eyes and face.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse.
P337 + P313 if eye irritation persists: get medical advice/attention .

2.3. Other hazards.

Based on the available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

SECTION 3. Composition / information on ingredients.**3.1. Substances.**

Information not relevant.

3.2. Mixtures.

contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP).
SODIUM CARBONATE		
CAS. 497-19-8	$25 \leq x < 35$	Eye Irrit. 2 H319
CE. 207-838-8		
INDEX. 011-005-00-2		
Nr. Reg. 01-2119485498-19		
DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2: 3)		
CAS. 15630-89-4	$5 \leq x < 15$	Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Dam. 1 H318
CE. 239-707-6		
INDEX. -		
Nr. Reg. 01-2119457268-30		
ALCOHOL LONG CHAIN, ALKOXYLATED		
CAS. -	$1 \leq x < 5$	Eye Irrit. 2 H319, Skin Irrit. 2 H315
CE. -		
INDEX. -		
SODIUM SILICATE		
CAS. 1344-09-8	$1 \leq x < 3$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335
CE. 215-687-4		
INDEX. -		
Nr. Reg. 01-2119448725-31		

ZINC SULFATE HEPTAHYDRATE

CAS 7446-20-0

 $0,10 \leq x < 0,15$ Acute Tox. 4 H302, Eye Dam.
1 H318, Aquatic Acute 1
H400 M=1, Aquatic Chronic 1
H410 M=1

CE 231-793-3

INDEX 030-006-00-9

Nr. Reg. 01-2119474684-27-XXXX

SUBTILISIN

CAS. 9014-01-1

 $0,1 \leq x < 0,12$ Eye Dam. 1 H318, Skin Irrit. 2 H315,
STOT SE 3 H335, Resp. Sens. 1A
H334

CE. 232-752-2

INDEX -

Nr. Reg. 01-2119480434-38

(1-hydroxyethylidene)bisphosphonic acid, sodium salt

CAS 29329-71-3

 $1 \leq x < 3$

Met. Corr. 1 H290, Acute Tox. 4 H302, Eye Irrit. 2 H319

CE 249-559-4

INDEX -

Nr. Reg. 01-2119510382-52-0003

The full text of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures.**4.1. Description of first aid measures**

EYES: Remove any contact lenses. Wash immediately and abundantly with water for at least 30/60 minutes, opening the eyelids well. Consult a doctor immediately.

SKIN: Remove contaminated clothing from behind. Take a shower immediately. Consult a doctor immediately.

INGESTION: Drink as much water as possible. Consult a doctor immediately. Do not induce vomiting unless specifically authorized by your doctor.

INHALATION: Call a doctor immediately. Bring the subject to the open air, away from the accident site. If breathing stops, practice artificial respiration. Take appropriate precautions for the rescuer.

4.2. Most important symptoms and effects, both acute and delayed

No specific information is known about the symptoms and effects caused by the product.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures**5.1. Fire fighting****SUITABLE EXTINGUISHING MEANS**

The means of extinction are the traditional ones: carbon dioxide, foam, dust and nebulized water.

UNSUITABLE EXTINGUISHING MEDIA



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 4/13

Replaces the revision: 2 (revised date: 16/01/2018)

No one in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

5.3. Recommendations for firefighters

GENERAL INFORMATION

Cool the containers with jets of water to avoid the decomposition of the product and the development of substances potentially dangerous for health. Always wear full fire protection equipment. Collect the extinguishing waters that must not be discharged into the drains. Dispose of contaminated water used for extinction and fire residue according to current regulations.

EQUIPMENT

Normal fire fighting clothing, such as open circuit compressed air breathing apparatus (EN 137), flame retardant (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Measures in case of accidental release

6.1. Personal precautions, protective equipment and procedures in case of emergency

Avoid the formation of dust by spraying the product with water if there are no contraindications.

Wear appropriate protective equipment (including personal protective equipment referred to in Section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for workers to work and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water or groundwater.

6.3. Methods and materials for containment and remediation

Collect the leaked product and place it in containers for recovery or disposal. Eliminate the residue with jets of water if there are no contraindications.

Provide sufficient ventilation of the place affected by the leak. Evaluate the compatibility of the container to be used with the product, checking section 10. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for Safe Handling

Manipulate the product after having consulted all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before accessing the areas where you eat.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Store closed containers in a well-ventilated area away from direct sunlight. Keep containers away from incompatible materials, checking section 10.

7.3. Specific end uses

Information not available

SECTION 8. Exposure controls / personal protection

8.1. Control parameters



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 5/13

Replaces the revision: 2 (revised date: 16/01/2018)

Normative requirements:

EU OEL EU Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161 / EU; Directive 2006/15 / EC; Directive 2004/37 / EC; Directive 2000/39 / EC; Directive 91/322 / EEC

SODIUM CARBONATE

Health - Derived no-effect level - DNEL / DMEL

Effects on consumers Effects on workers

Exposure Path Acute Local Systemic Acute Local Chronic Systemic Chronic Local Acute Systemic Acute Local Chronic Systemic Chronic

Inhalation 10 mg / m3 VND 10 mg / m3 VND

DISODIUM CARBONATE, COMPOSED WITH HYDROGEN PEROXIDE (2: 3)

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 0.035 mg / l

Reference value in sea water 0.035 mg / l

Reference value for STP microorganisms 16.24 mg / l

Health - Derived no-effect level - DNEL / DMEL

Effects on consumers Effects on workers

Exposure Path Acute Local Systemic Acute Local Chronic Systemic Chronic Local Acute Systemic Acute Local Chronic Systemic Chronic

Inhalation 5 mg / m3 VND

Dermal 6.4 mg VND 6.4 mg / m2 VND 12.8 mg / cm2 VND 12.8 mg / cm2 VND

SODIUM SILICATE

Health - Derived no-effect level - DNEL / DMEL

Effects on consumers Effects on workers

Exposure Path Acute Local Systemic Acute Local Chronic Systemic Chronic Local Acute Systemic Acute Local Chronic Systemic Chronic

Oral VND 0.8 mg / kg

Inhalation VND 1.38 mg / m3 VND 5.61 mg / m3

Dermal VND 0.8 mg / kg VND 1.59 mg / kg

(1-hydroxyethylidene) bisphosphonic acid, sodium salt

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 0.136 mg / l

Reference value in sea water 5.9 mg / kg ww

Reference value for the terrestrial compartment 96 mg / kg ww

Health - Derived no-effect level - DNEL / DMEL

Effects on consumers Effects on workers

Exposure Path Acute Local Systemic Acute Local Chronic Systemic Chronic Local Acute Systemic Acute Local Chronic Systemic Chronic

Oral VND 6.5 mg / kg VND 13 mg / kg

subtilisin

Threshold limit value

Type Country TWA / 8h STEL / 15min

mg / m3 ppm mg / m3 ppm

OEL EU 4E-05 30

Legend:

(C) = CEILING; INALAB = Inhalable fraction; RESPIR = Breathable fraction; TORAC = Thoracic fraction.

VND = identified hazard but no DNEL / PNEC available; NEA = no expected exposure; NPI = no identified danger.

8.2. Exposure controls

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local aspiration.

For the selection of personal protective equipment, if necessary ask your chemical suppliers for advice.

The individual protection devices must bear the CE marking which certifies their compliance with the regulations in force.



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 6/13

Replaces the revision: 2 (revised date: 16/01/2018)

Provide emergency shower with visocular basin.

HAND PROTECTION

If prolonged contact with the product is foreseen, it is advisable to protect the hands with penetration resistant work gloves (see standard EN 374). For the final choice of the work glove material, the process of using the product and any other products deriving from it must also be evaluated. It is also recalled that latex gloves can give rise to sensitization phenomena.

SKIN PROTECTION

Wear work clothes with long sleeves and safety footwear for professional use of category I (see Directive 89/686 / EEC and EN ISO 20344). Wash with soap and water after removing protective clothing.

PROTECTION OF EYES

It is advisable to wear tightly fitting goggles (see standard EN 166).

RESPIRATORY PROTECTION

Not necessary, unless otherwise indicated in the assessment of chemical risk.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including those from ventilation equipment, should be monitored for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Solid State

Colour: monolayer with coloured dots

lemon Odor

Olfactory threshold Not available

pH 10.3 - 11.3

Melting or freezing point 0 ° C

Initial boiling point Not available

Boiling range Not available

Flash point Not available

Evaporation rate Not available

Flammability of solids and gases Not available

Lower flammability limit Not available

Upper flammability limit Not available

Lower explosive limit Not available

Upper explosive limit Not available

Vapor pressure Not available

Vapor density Not available

Relative density Not available

Solubility soluble in water

Partition coefficient: n-octanol / water: Not available

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity Not available

Explosive properties Not available

Oxidising properties Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 7/13

Replaces the revision: 2 (revised date: 16/01/2018)

POLYETHYLENE

It degrades slowly at high temperature in the presence of air.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of dangerous reactions

Unusual reactions are not expected under normal use and storage conditions.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions with regard to chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, the possible dangers of the product for health have been evaluated on the basis of the properties of the substances contained, according to the criteria provided for by the reference standard for classification. Consider therefore the concentration of the individual hazardous substances mentioned in section 3, to evaluate the toxicological effects deriving from exposure to the product.

11.1. Information on toxicological effects

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Immediate, delayed, and chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:
Not classified (no relevant component)
LD50 (Oral) of the mixture:
> 2000 mg / kg
LD50 (Cutaneous) of the mixture:
Not classified (no relevant component)



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 8/13

Replaces the revision: 2 (revised date: 16/01/2018)

(1-hydroxyethylidene) bisphosphonic acid, sodium salt

LD50 (Oral) 940 mg / kg rat

LD50 (Cutaneous) > 2000 mg / kg rabbit

DISODIUM CARBONATE, COMPOSED WITH HYDROGEN PEROXIDE (2: 3)

LD50 (Oral) 1034 mg / kg

LC50 (Inhalation) 1200 mg / m³

LONG ALCOHOL, ALCOHOLSYLATED ALCOHOL

LD50 (Oral) > 2000 mg / kg rat

SODIUM SILICATE

LD50 (Oral) > 3400 mg / kg Rat

LD50 (Cutaneous) > 5000 mg / kg Rat

LC50 (Inhalation) > 2.06 mg / kg Rat

subtilisin

LD50 (Oral) 1800 mg / kg

LD50 (Cutaneous) 2 ml / kg

LC50 (Inhalation) 0.8 ml / l

SODIUM CARBONATE

LD50 (Oral) 4090 mg / kg Rat

LD50 (Cutaneous) 117 mg / kg Mouse

LC50 (Inhalation) 2.3 mg / l / 2h Rat

ZINC SULPHATE EPTAIDRATE

LD50 (Oral) 1260 mg / kg Rat

SKIN CORROSION / CUTANEOUS IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS OCULAR DAMAGE / EYE IRRITATION

Causes serious eye irritation

RESPIRATORY OR CUTANEOUS SENSITIZATION



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 9/13

Replaces the revision: 2 (revised date: 16/01/2018)

May cause an allergic reaction. Contiene: SUBTILISIN

MUTAGENICITY ON GERMINAL CELLS

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

TOXICITY FOR REPRODUCTION

Does not meet the classification criteria for this hazard class

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

DANGER IN CASE OF ASPIRATION

Does not meet the classification criteria for this hazard class

SECTION 12. Ecological information

Since specific data on the preparation is not available, use according to good working practices, avoiding to disperse the product in the environment. Avoid dispersing the product in the ground or waterways. Notify the competent authorities if the product has reached watercourses or has contaminated the soil or vegetation. Take measures to minimize the effects on groundwater.

12.1. Toxicity

DISODIUM CARBONATE, COMPOSED WITH HYDROGEN PEROXIDE (2: 3)

LC50 - Fishes > 70 mg / l / 96h

LONG ALCOHOL, ALCOHOLSYLATED ALCOHOL

LC50 - Fish 100 mg / l / 96h

EC50 - Crustaceans 100 mg / l / 48h

EC50 - Algae / Aquatic Plants 100 mg / l / 72h

SODIUM SILICATE

LC50 - Fish 1108 mg / l / 96h

subtilisin

NOEC Chronic Algae / Aquatic Plants 0.041 mg / l

ZINC SULPHATE EPTAIDRATE

LC50 - Fish 0.7 mg / l / 96h Pimephales promelas

12.2. Persistence and degradability

SODIUM CARBONATE

Solubility in water 1000 - 10000 mg / l

Degradability: data not available



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 10/13

Replaces the revision: 2 (revised date: 16/01/2018)

ZINC SULPHATE EPTAIDRATE
NOT rapidly degradable

No one.

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in the soil

Information not available

12.5. Results of the PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB substances in percentages greater than 0.1%.

PBT substances: none

VPvB substances: none.

12.6. Other adverse effects

nobody.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, if possible. Product residues are to be considered hazardous special waste. The hazardousness of the waste that partially contains this product must be evaluated according to the laws in force.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in accordance with national waste management regulations.

Recover if possible.

For the disposal of the uncleaned / reclaimed product or containers addressed to companies expressly authorized to manage waste (recovery or disposal of hazardous waste).

Cleaned / reclaimed containers must be disposed of / recovered as special waste.

Never unload the product in surface or underground water.

Where applicable, refer to the following regulations: 91/156 / EEC, 91/689 / EEC, 94/62 / EC and subsequent adaptation.

SECTION 14. Transport information


The product is not considered dangerous according to the provisions in force concerning the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number

Not applicable

14.2. UN shipping name

Not applicable

		Edition n. 3
	DISHWASHING TABS ALLIN1 26X18g	Edition date 16/04/2019 Printed on 16/04/2019 Page n. 11/13 Replaces the revision: 2 (revised date: 16/01/2018)

14.3. Danger classes related to transport

Not applicable

14.4. Packing group

Not applicable

14.5. Dangers for the environment

Not applicable

14.6. Special precautions for users

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC code

Information not applicable

SECTION 15. Regulatory information

15.1. Legislative and regulatory provisions on health, safety and environment specific to the substance or mixture

Seveso category - Directive 2012/18 / EC: None

Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006

None

Substances in Candidate List (Article 59 REACH)

Based on the available data, the product does not contain SVHC substances in percentages greater than 0.1%.

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export notification obligation Reg. (CE) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 12/13

Replaces the revision: 2 (revised date: 16/01/2018)

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out according to the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk for the safety and health of the worker has been assessed as irrelevant, according to the provisions of art. 224 paragraph 2.

15.2. Evaluation of chemical safety

No chemical safety assessment has been made for the mixture and the substances it contains.

SECTION 16. Other information

Text of the hazard (H) indications mentioned in section 2-3 of the sheet:

Ox. Sol. 3 Comburent solid, category 3
Met. Corr. 1 Corrosive substance or mixture for metals, category 1
Acute Tox. 4 Acute toxicity, category 4
Eye Dam. 1 Serious eye damage, category 1
Eye Irrit. 2 Eye irritation, category 2
Skin Irrit. 2 Skin irritation, category 2
STOT SE 3 Specific target organ toxicity - single exposure, category 3
Resp. Sens. 1 Respiratory sensitization, category 1
Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2
H272 May intensify fire; combustion.
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement for the transport of dangerous goods by road
- CAS NUMBER: Chemical Abstract Service number
- EC50: Concentration that gives effect to 50% of the population subjected to tests
- CE NUMBER: ID number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived level without effect
- EmS: Emergency Schedule
- GHS: Global harmonized system for the classification and labeling of chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subjected to tests
- IMDG: International Maritime Code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predictable concentration without effects
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded during any moment of work exposure.



DISHWASHING TABS ALLIN1 26X18g

Edition n. 3

Edition date 16/04/2019

Printed on 16/04/2019

Page n. 13/13

Replaces the revision: 2 (revised date: 16/01/2018)

- TWA STEL: Short-term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulant according to REACH
- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (CE) 1907/2006 of the European Parliament (REACH)
 2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
 6. Regulation (EU) 618/2012 of the European Parliament (III Atp CLP)
 7. Regulation (EU) 487/2013 of the European Parliament (IV Atp CLP)
 8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
 9. Regulation (EU) 605/2014 of the European Parliament (VI Atp CLP)
 10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
 11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
 12. Regulation (EU) 2016/1179 (IX Atp CLP)
 13. Regulation (EU) 2017/776 (X Atp CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
 - ECHA Agency Website
 - Database of SDS models of chemicals - Ministry of Health and Istituto Superiore di Sanità

Note to the user:

The information contained in this sheet is based on the knowledge available from us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force concerning hygiene and safety under his own responsibility. We do not take responsibility for improper use.

Provide adequate training for personnel involved in the use of chemical products.

Changes from the previous revision

Changes have been made to the following sections:

03/08/09/10/11/16.