

All in 1 Dishwasher tablets

Revision n. 03
Revision date: 06/07/2017



SAFETY DATA SHEET

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

1.1. Product Identifier

Code: [TAB100] 484010678174 - [TAB200] 484010678172 - [TAB300] 484010678175 - [TAB400] 484010678173 [TAB500] 484010678182

Denomination **WHIRPOOL ALL IN 1 DISHWASHER TABLETS**

1.2. Relevant identified uses of the substance or mixture and uses not recommended

Description / Use DISHWASHER TABLETS PROFESSIONAL ALL IN 1

1.3. Information on the supplier of the safety data sheet

Company name CHEMICAL FLACER SRL.

Address Loc. Bellaria, 31 / a

Location and State 40036 Vado (BO)

italy

tel. 051/6778202

Fax 051/6776252

E-mail of the competent person, Responsible for the safety data sheet: davide@flacer.com

1.4. Emergency telephone number

For urgent safety information call the Anti-Poison Center of your country. Check the emergency list on page 12.

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 modifications and adjustments). The product therefore requires a safety data sheet in accordance with the provisions of Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and / or environment hazards can be found in Sections 2 and 3. 11 and 12 of this card.

Classification and Indications of Hazard:

Eye irritation, category 2 H319 Causes serious eye irritation.

2.2. Label elements.

Hazard labeling according to Regulation (EC) 1272/2008 (CLP) and subsequent modifications and adjustments.



Warnings: warning

Hazard statements:

H319 Causes serious eye irritation.

EUH 208 Contains subtilisin: may cause allergic reactions

Precautionary statements:

P101 If medical advice is needed, please have the product container or label

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands thoroughly after use.

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 attention if irritation of the eyes persists, get medical advice/attention.

CHEMICAL COMPOSITION (Reg. 648/2004/CE)

Nonionic surfactants, Polycarboxylates, phosphonates, phosphates <5%

Oxygen-based bleaching > 5% - <15%

Other components: enzymes (Amylase, Protease), perfume

2.3. Other hazards.

Based on available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

SECTION 3. Composition / information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

contains:

Identification	Conc. %	Classification 1272/2008 (CLP)
SODIUM CARBONATE		
CAS 497-19-8	$29 \leq x < 39$	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	$10 \leq x < 15$	Ox. Sol. 3 H272, Acute Tox. 4 H302, Eye Dam. 1 H318
CE 239-707-6		
INDEX -		
Nr. Reg. 01-2119457268-30		
LONG CHAIN ALCOHOL, ALKOXYLATED		
CAS 166736-08-9	$3 \leq x < 5$	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		
(1-HYDROXYETHYLIDENE) BISPHOSPHONATE TETRASODIUM		
CAS 3794-83-0	$1 \leq x < 3$	Acute Tox. 4 H302, Eye Irrit. 2 H319
CE 223-267-7		
INDEX -		
SUBTILISIN		
CAS 9014-01-1	$0,15 \leq x < 0,2$	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411
CE 232-752-2		
INDEX -		
Nr. Reg. 01-2119480434-38		
ZINC SULFATE HEPTAHYDRATE		
CAS 7446-20-0	$0,15 \leq x < 0,2$	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		

Note: Upper value of the excluded range.

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

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 your eyelids well. Consult a physician immediately.

SKIN: Remove contaminated clothing. Immediately take the shower. Consult a physician immediately.

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

INHALATION: Call a physician immediately. Carry out the subject in the open air, far from the location of the accident. If breathing ceases, practice artificial respiration. Take appropriate precautions for the rescuer.

4.2. Main symptoms and effects, both acute and delayed

Eye contact: Negative symptoms may include the following:

Pain or irritation, tearing, redness

Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

For symptoms and effects due to the contained substances, see ch. 11.

4.3. Indication of any need to consult a physician immediately and special treatment

Notes to Physician: In case of inhalation of decomposed products in a fire, the symptoms may be delayed. It is possible that the exposed person should be kept under medical supervision for 48 hours.

Specific treatments: no specific treatment

SECTION 5. Firefighting measures

5.1. Extinguishing media

GOOD EXTENSION MEANS

Extinguishing media are the traditional ones: carbon dioxide, foam, powder and water spray.

EXTINGUISHING MEANS ARE NOT SUITABLE

No one in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS DERIVED FROM EXPOSURE IN CASE OF FIRE

Avoid breathing combustion products.

5.3. Recommendations for fire extinguishers

GENERAL INFORMATIONS

Cool containers with water jets to avoid product decomposition and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues according to applicable regulations.

EQUIPMENT

Standard fire fighting clothing such as an open-air compressor (EN 137), full flame retardant (EN469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).

SECTION 6. Accidental Release Measures

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

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

Wear suitable protective equipment (including the individual protective equipment listed in Section 8 of the Safety Data Sheet) to prevent skin, eye and personal contamination. These instructions are valid for both workmen and emergency workers.

6.2. Environmental precautions

Prevent product from entering sewers, surface water, groundwater.

6.3. Methods and materials for containment and cleaning up

Collect spilled product and put it in containers for recovery or disposal. Remove residual water jets if there are no contraindications.

Ensure sufficient ventilation of the affected area. Assess the compatibility of the container to be used with the product, see section 10. Disposal of contaminated material must be carried out in accordance with the provisions of section 13.

6.4. Reference to other sections

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

SECTION 7. Handling and storage

7.1. Precautions for Safe Handling

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersing the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before accessing areas where you are eating.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Keep container closed, in a well-ventilated place, away from direct sunlight. Keep containers out of reach of incompatible materials, see section 10.

7.3. Special end uses

Detergent in tablets for professional.

SECTION 8. Exposure controls / personal protection

8.1. Control Parameters

Normative requirements:

EU OEL EU 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 - Non-Effective Derived Level - DNEL / DMEL

Effects on consumers Effects on workers

Exposure way Acute local acute systemic acute chronic conditions Chronic systemic acute local acute systemic acute chronic venous system chronic systemic

Inhalation 10 mg / m3 VND 10 mg / m3 VND

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

Expected Environmental Impact Concentration - PNEC

Reference value in fresh water 0,035 mg / l

Reference value in marine water 0.035 mg / l

Reference value for STP 16,24 mg / l micro-organisms

Health - Non-Effective Derived Level - DNEL / DMEL

Effects on Consumers Effects on Workers

Exposure paths Acute local acute systemic acute chronic conditions Chronic systemic acute local acute systemic acute chronic conditions chronic systemic

Inhalation 5 mg / m3 VND

Dermica 6.4 mg VND 6.4 mg / m2 VND 12.8 mg / cm2 VND 12.8 mg / cm2 VND

SODIUM SILICATE

Health - Non-Effective Derived Level - DNEL / DMEL

Effects on Consumers Effects on Workers

Exposure paths Acute local acute systemic acute chronic conditions Chronic systemic acute local acute systemic acute chronic conditions chronic systemic

Oral VND 0.8 mg / kg

Inhalation VND 1.38 mg / m3 VND 5.61 mg / m3

Dermica VND 0.8 mg / kg VND 1.59 mg / kg

(1-HYDROXYETHYLIDENE) BISPHOSPHONATE TETRASODIUM

Expected Environmental Impact Concentration - PNEC

Reference value in fresh water 0,136 mg / l

Reference value in marine water 5.9 mg / kg wwt

Reference value for terrestrial compartment 96 mg / kg wwt

Health - Non-Effective Derived Level - DNEL / DMEL

Effects on Consumers Effects on Workers

Exposure paths Acute local acute systemic acute chronic conditions Chronic systemic acute local acute systemic acute chronic conditions chronic systemic

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 0.00004 30

Legend:

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

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

8.2. Exposure controls

Given that the use of appropriate technical measures should always have priority over personal protection equipment, ensure good ventilation at the workplace by means of effective local suction.

When choosing personal protective equipment, ask your chemical suppliers if necessary.

The individual protective devices must bear the EC mark affirming their compliance with the applicable regulations.

Provide emergency shower with eyewash disposal.

HAND PROTECTION

If prolonged contact with the product is to be expected, it is advisable to protect the hands with work-resistant gloves (EN 374).

For the final choice of working gloves material, the process of using the product and any other resulting products should also be evaluated. It is also recalled that latex gloves can give rise to sensitization phenomena.

SKIN PROTECTION

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

EYE PROTECTION

It is recommended to wear hermetic protective goggles (standard EN 166).

RESPIRATORY PROTECTION

Not necessary unless otherwise indicated in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS

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

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Solid Physical State

Color blue white green

lemon Odor

pH. 10.3 - 11.3

Melting point (sodium carbonate). 851 ° C.

Initial boiling point. Not applicable, solid product

Boiling range. Not applicable, solid product

Flash point. Not inflammable

Flammability of solids and gases Not flammable.

Lower flammability limit. Not inflammable

Upper flammability limit. Not inflammable.

Lower Explosive Limit. Not explosive.

Upper Explosive Limit. Not explosive.

Steam pressure. Not applicable, solid product

Vapor density Not applicable, solid product

Specific weight. 1,000 Kg / l

Solubility soluble in water

Self-ignition temperature. Not applicable

Decomposition temperature (sodium percarbonate). Approx. 70 ° C.

Viscosity Not applicable.

Explosive properties Not explosive.

Oxidizing properties Sodium percarbonate liberates oxygen above 50 ° C.

9.2. More information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular dangers of reaction with other substances under normal conditions of use.

10.2. Chemical stability

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

Concerning sodium percarbonate:

The product is stable under recommended conditions of use and storage (see Sections 7-8).

Thermal decomposition: Self-accelerating with O₂ development from 50 ° C.

10.3. Possibility of hazardous reactions

Under normal use and storage conditions, no hazardous reactions are expected.

10.4. Conditions to Avoid

None in particular. However, be aware of the usual caution to chemicals.

10.5. Incompatible materials

Concerning sodium percarbonate:

Conditions to avoid: moisture, heat, acids, bases, heavy metal salts, reducing agents,

Organic materials, flammable substances.

Contamination from the mentioned substances causes decomposition, with increasing speed with

The temperature, and with the possibility of rapid generation of large volumes of oxygen and steam.

10.6. Hazardous decomposition products

Concerning sodium percarbonate:

The product is stable under recommended conditions of use and storage (see Sections 7-8).

Thermal decomposition: Self-accelerating with O₂ development from 50 ° C.

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product, any dangers of the health product have been evaluated on the basis of the properties of the substances contained, according to the criteria laid down by the classification standards for classification.

Consider therefore the concentration of the individual hazardous substances mentioned in Sect. 3, to assess the toxicological effects of exposure to the product.

Acute effects: eye contact causes irritation; Symptoms may include: redness, edema, pain and tearing.

Skin contact may cause moderate irritation.

Swallowing may cause health disorders, including abdominal pain with burns, nausea and vomiting.

Acute effects: In case of skin contact, it is irritated with erythema, edema, dryness and cracking. Swallowing may cause health disorders, including abdominal pain with burns, nausea and vomiting.

11.1. Information on toxicological effects

Metabolism, kinetics, mechanism of action and other information

Information not available. Based on available data, classification criteria are not satisfied

Information on likely routes of exposure

Information not available. Based on available data, classification criteria are not satisfied

Immediate, delayed effects and chronic effects from short and long term exposures

Information not available. Based on available data, classification criteria are not satisfied

Interactive effects

Information not available. Based on available data, classification criteria are not satisfied

ACUTE TOXICITY

LC50 (Inhalation - vapors) of the mixture: LC50 (Inhalation - vapors) of the mixture:

Not classified (no relevant component) Based on the available data, classification criteria are not met

LC50 (Inhalation - mist / dust) mixture: LC50 (Inhalation - mist / dust) mixture:

Not classified (no relevant component) Based on the available data, classification criteria are not met

LD50 (Oral) Mix: LD50 (Oral) Mixture:

> 2000 mg / kg

LD50 (Dermal) of the mixture: LD50 (Dermal) of the mixture:

Unclassified (no relevant component) Based on available data, classification criteria are not met

(1-HYDROXYETHYLIDENE) BISPHOSPHONATE TETRASODIUM

940 mg / kg rat

LD50 (Oral)

> 2000 mg / kg rabbit

LD50 (Dermal)

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) 1034 mg / kg

LD50 (Oral)

1200 mg / m³

LC50 (Inhalation)

LONG CHAIN ALCOHOL, ALKOXYLATED

> 2000 mg / kg rat

LD50 (Oral)

SODIUM SILICATE

> 3400 mg / kg Rat

LD50 (Oral)

> 5000 mg / kg Rat

LD50 (Dermal)

> 2.06 mg / kg Rat

LC50 (Inhalation)

Subtilisin

1800 mg / kg

LD50 (Oral)

2 ml / kg

LD50 (Dermal)

0.8 ml / l

LC50 (Inhalation)

SODIUM CARBONATE

4090 mg / kg Rat

LD50 (Oral)

117 mg / kg Mouse

LD50 (Dermal)

2.3 mg / l / 2h Rat

LC50 (Inhalation)

ZINC SULFATE HEPTAHYDRATE

1260 mg / kg Rat

LD50 (Oral)

CUTANATE CORROSION / CUTANE IRRITATION

Does not qualify for classification for this class of hazard Based on the available data classification criteria are not satisfied

OCCASES DANGEROUS / OCCASIONAL IRRITATION

Causes severe eye irritation.

RESPIRATORY OR CUTANE SENSITIVITY

It can cause an allergic reaction.

It Contains:

subtilisin

MUTAGENICITY ON GERMINAL CELLS

No significant effects or critical hazards are known.

CARCINOGENICITY

No significant effects or critical hazards are known.

TOXICITY FOR REPRODUCTION

No significant effects or critical hazards are known.

SPECIFIC TARGET ORGANIC TOXICITY (STOT) - SINGLE EXPOSURE

Does not qualify for classification for this class of hazard Based on the available data classification criteria are not satisfied

SPECIFIC TARGET ORGANIC TOXICITY (STOT) - REPEATED EXPOSURE

Does not qualify for classification for this class of hazard Based on the available data classification criteria are not satisfied

DANGER IN CASE OF ASPIRATION

Does not qualify for classification for this class of hazard Based on the available data classification criteria are not satisfied

SECTION 12. Ecological information

Since no specific data is available on the preparation, use in accordance with good working practices, avoiding dispersing the product in the environment. Avoid dispersing the product in the ground or water courses. Inform the competent authorities if the product has reached watercourses or contaminated soil or vegetation. Take measures to minimize the effects on the aquifers.

12.1. Toxicity

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

LC50 - Fish > 70 mg / l / 96h

LONG CHAIN ALCOHOL, ALKOXYLATED

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 SULFATE HEPTAHYDRATE

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

12.2. Persistence and degradability

SODIUM CARBONATE

Solubility in water 1000 - 10000 mg / l

Biodegradability: Data not available

ZINC SULFATE HEPTAHYDRATE

DO NOT Rapidly biodegradable

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) Abiotic degradation:

Water / Soil, $t_{1/2} < 1d$

Result: Significant hydrolysis

Degradation products: hydrogen peroxide / sodium carbonate

Air, Photodegradation

Result: not applicable

Biodegradation: The methods for determining biodegradability do not apply to inorganic substances

ALCOHOL LONG CHAIN, ALCOHOL

Easily biodegradable

SODIUM SILICATE

Inorganic: Dissolvable silicates depolymerize rapidly by producing molecular species that can not be distinguished from natural silica

(1-HYDROXYETHYLIDENE) BISPHOSPHONATE TETRASODIUM

Method result

OECD 301D (Closed bottle test) BOD 30% / COD 5%

OECD 302A (modified SCAS) 90%

OECD 302B (Zahn Wellens test), 28d 33%

OECD 301E (Mod. OECD Screening Test), 70d 2%

Subtilisin

The substance is easily biodegradable

12.3. Bioaccumulation potential

SODIUM CARBONATE: Not bioaccumulable.

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3): not applicable

LONG CHAIN ALCOHOL, ALKOXYLATED: The product has not been waxed

SODIUM SILICATE: Inorganic, the substance has no bioaccumulation potential

(1-HYDROXYETHYLIDENE) BISPHOSPHONATE TETRASODIUM: LogPow <-3.5 BCF = 17.9

SUBTILISIN Bioaccumulation is unlikely, log Pow <0

ZINC SULFATE HEPTAHYDRATE

Zinc is an essential natural element necessary for the growth and optimal development of all Living organisms, including man. All living organisms have homeostasis mechanisms that regulate Actively absorbing and absorbing / eliminating from the body of zinc and, because of this type of Regulation of zinc and its compounds are not bio-accumulate or bio-magnify.

12.4. Mobility in soil

The product is not expected to represent a significant risk to the environment.

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

PBT Substances: none

VPvB Substances: none.

12.6. Other adverse effects

No one

SECTION 13. Disposal Considerations

13.1. Waste treatment methods

Reuse, if possible. Product residues are considered to be hazardous special waste. The hazards of waste that contain this product in part must be assessed in accordance with the applicable laws.

Disposal must be entrusted to a waste management company, subject to national and, where appropriate, local legislation.

CONTAMINATED PACKAGING

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

Retrieve if possible.

For the disposal of non-cleaned / reclaimed products or containers addressed to expressly automated waste management companies (recovery or disposal of hazardous waste).

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

Never download the product to surface or underground waters.

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

SECTION 14. Transport information

The product is not to be regarded as dangerous according to the applicable regulations on the carriage 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

14.3. Transport-related hazard classes

Not applicable

14.4. Packing group

Not applicable

14.5. Dangers to the environment

Not applicable

14.6. Special precautions for users

Not applicable

14.7. Bulk transport according to MARPOL Annex II and IBC Code

Not relevant information

SECTION 15. Regulatory information

15.1. Legislative and regulatory regulations for the health, safety and the environment specific to the substance or mixture

Category Seveso - Directive 2012/18 / EC: None

Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006
None

Substances in Candidate List (Art. 59 REACH)

Based on the available data, the product does not contain SVHC substances in excess of 0.1%.

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to Export Notification Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks

Workers exposed to this hazardous chemical agent must be subjected to health surveillance carried out in accordance with the provisions of art. 41 of Legislative Decree 81 of 9 April 2008, except that the risk to the safety and health of the worker has been considered irrelevant, as provided by art. 224 paragraph 2.

15.2. Chemical Safety Assessment

No chemical safety assessment for the mixture has been developed.

SECTION 16. Other information

Classification and Indications of Hazard (METHOD OF CALCULATION):

Eye irritation, category 2 H319 Causes serious eye irritation.

Text of hazard statements (H) referred to in sections 2-3 of the card:

Ox. Sol. 3 Solid combustion, category 3
Acute Tox. 4 Acute toxicity, category 4
Eye Dam. 1 Serious Eye Injury, 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
Res. 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 Dangerous for the aquatic environment, chronic toxicity, category 2
H272 May aggravate fire; combustion.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H335 May cause irritation to the respiratory tract.
H334 May cause allergic or asthmatic symptoms or difficulty in breathing if inhaled.
H400 Very toxic to aquatic organisms.
H410 Very toxic to aquatic organisms with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement on the Transport of Dangerous Goods by Road
- CAS NUMBER: Number of Chemical Abstract Service
- CE50: Concentration that affects 50% of the test population
- CE NUMBER: Identification number in ESIS (European Inventory of Existing Substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derivative level without effect
- EmS: Emergency Schedule
- GHS: Global Harmonized System for the Classification and Labeling of Chemicals
- IATA DGR: Regulation for the carriage of dangerous goods by the International Air Transport Association
- IC50: Immobilization concentration of 50% of the population under test
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP

- LC50: lethal concentration 50%
- LD50: Fatal dose 50%
- OEL: occupational exposure level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictive level of exposure
- PNEC: Foreseeable Concentration Without Effects
- REACH: Regulation EC 1907/2006
- RID: Regulation for the international carriage of dangerous goods by train
- TLV: Limit value of threshold
- TLV CEILING: Concentration that must not be exceeded at any time of the working exposure.
- TWA STEL: Short-term exposure limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 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 CLP)
 4. Regulation (EU) 2015/830 of the European Parliament
 5. European Parliament (EU) Regulation 286/2011 (II CLP)
 6. European Parliament Regulation (EU) 618/2012 (III CLP)
 7. European Parliament (EU) Regulation 487/2013 (IV CLP)
 8. Regulation (EU) 944/2013 of the European Parliament (V ATP CLP)
 9. European Parliament Regulation (EU) 605/2014 (VI CLP)
 10. European Parliament Regulation (EU) 2015/1221 (VII CLP)
 11. European Parliament (EU) 2016/918 Regulation (VIII 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
 - Website ECHA Agency
 - SDS template database of chemicals - Ministry of Health and Higher Institute of Health

Note for the user:

The information contained in this sheet is based on the knowledge available to 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.

You should not interpret this document as a guarantee for any specific property of the product.

Because the use of the product does not fall under our direct control, it is the user's responsibility to observe under our own responsibility the laws and regulations in force regarding hygiene and safety. No responsibility is assumed for improper use.

Provide adequate training to personnel involved in the use of chemicals.

All in 1 Dishwasher tablets

























INGREDIENT LIST

COD ALLIN12017 (blu / white / green)

INCI name or other chemical name	CAS - NUMBER	%
Sodium Carbonate	497-19-8	≥ 10%
Sodium Citrate	6132-04-3	≥ 10%
Sodium Carbonate Peroxide	15630-89-4	≥ 10%
SODIUM POLYACRYLATE	9003-04-7	≥ 1% < 10%
Sodium Chloride	7647-14-5	≥ 1% < 10%
Sodium Sulfate	7757-82-6	≥ 1% < 10%
Sodium Silicate	1344-09-8	≥ 1% < 10%
Bentonite	1302-78-9	≥ 1% < 10%
Polyethylenglicol (PEG-4000)	25322-68-3	≥ 1% < 10%
Tetraacetyl Ethylene Diamine (TAED)	10543-57-4	≥ 1% < 10%
C8-C14 Alcohol Alkoxilated	166736-08-9	≥ 1% < 10%
Pentasodium Triphosphate (Tripolyphosphate)	7758-29-4	≥ 1% < 10%
TRISODIUM DICARBOXYMETHYL ALANINATE	164462-16-2	≥ 1% < 10%
TETRASODIUM ETIDRONATE	3794-83-0	≥ 1% < 10%
subtilisin	9014-01-1	≥ 1% < 10%
Ceteareth-25	68439-49-6	≥ 1% < 10%
Sodium metasilicate pentahydrate	10213-79-3	≥ 0,1% < 1%
Alfa - amylase	9000-90-2	≥ 0,1% < 1%
Acrylic / Sulphonic Acid Copolymer	N.A.	≥ 0,1% < 1%
Mono-/di-glycerides of a mixture of natural fatty acids	N.A.	≥ 0,1% < 1%
Zinc sulfate heptahydrate	7446-20-0	≥ 0,1% < 1%
talc	14807-96-6	≥ 0,1% < 1%
Polysiloxane	N.A.	≥ 0,1% < 1%
parfume	N.A.	≥ 0,1% < 1%
ACID BLUE 74 ALUMINIUM LAKE	16521-38-3	≥ 0,1% < 1%
ACID BLUE 9 ALUMINIUM LAKE	68921-42-6	<0,1%
ACID YELLOW 23 ALUMINIUM LAKE	12225-21-7	<0,1%

Emergency telephone numbers

For urgent safety information call the Anti-Poison Center of your country:

	COUNTRY	CUSTOMER SERVICE NR.	ANTI-POISON CENTER NR.
	AUSTRIA	(0043) 050 6700 200	(0043) 01 406 43 43
	BELGIUM	(0032) (0)2 263 33 33	(0032) 070 245 245
	BULGARIA	(00359) 0700 100 68	
	CROAZIA	(00385) 0130 40 333	
	CZECK REP.	(00420) 840 111 313	(00420) 224 91 54 02
	DENEMARK	(0045) 44880222	(0045) 82121212
	FINLAND	(09) 61336 235	(09) 471977
	FRANCE	(0033) 0892 700 150	(0033) 01 40 05 48 48
	GERMAN	(0049) 0711 93533655	(0049) 0761 19240
	GREECE	(0030) 2109946400	(0030) 2107793777
	HOLLAND	(0031) (0)76 530 6400	(0031) 030 274 8888
	HUNGARY	(0036) 1 999 5000	(0036) 80 20 11 99
	IRELAND	(00353) 0844 815 8989	(00353) 1 8092566
	ITALY	(0039) 199 580 480	(0039) 02 66101029
	KAZAKISTAN	(007) 8 800 100 5731	
	NORWAY	(0047) 227 82580	(0047) 22 59 13 00
	POLAND	(0048) 801 900 666	Warszawa: (0048) 22 619 66 54 Gdańsk: (0048) 58 682 04 04 Poznań: (0048) 61 847 69 46 Kraków: (0048) 12 411 99 99
	PORTUGAL	(00351) 707 203 204	(00351) 808 250143
	ROMANIAN	(0040) 0372 117 745	
	RUSSIA	(007) 8 800 100 57 31	
	SERBIA	(00381) 11 30 65 674	
	SLOVAKIA	(00421) 0850 003 007	(00421) 2 54774166
	SPAIN	(0034) 902 203 204	(0034) 915 620 420
	SWEDEN	(0046) 0771 751570	(0046) 08 331231
	SWISS	(0041) 0848 801 005	(0041) 145
	UK	(0044) 0844 815 8989	(0044) 0845 46 47 (0044) 020 7188 0600
	TURKEY	(0090) 444 5010	
	UCRAIN	(00380) 0 800 30 20 30	