

Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: 1FRITTAB
Product name: FRIT TAB
UFI: 6XT0-S0Y8-E009-E3YF

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

Intended use: DETERGENTE – CLEANER / DECARBONIZING TABLETS FOR PROFESSIONAL FRYERS

| Identified Uses | Industrial | Professional | Consumer |
|-----------------|------------|---------------------------------------------|----------|
| OVENS DETERGENT | - | SU: 4. PROC: 19, 28, 8a. LCS: PW, SL. | - |

Uses Advised Against CONSUMER USE

1.3. Details of the supplier of the safety data sheet

Name: TURCO ITALIANA SPA
Full address: Via Artigianale, 29
District and Country: 25010 Montirone Italia (BS)
Tel: +39 030 267443
Fax: +39 030 2677137
e-mail address of the competent person responsible for the Safety Data Sheet: info@turco.it

1.4. Emergency telephone number

For urgent inquiries refer to: UK: Call NHS 111 or a Doctor
IRELAND: Emergency medical information: 8am-10pm (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland. Telephone Number: +353 (0)1 809 2166
ISLAND: 24 hours a day. Phone: +543 2222 or 112
A list of Poison Control Centers is available at the following link:
http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

| | | |
|--------------------------------------------------------------|------|------------------------------------------|
| Skin corrosion, category 1A | H314 | Causes severe skin burns and eye damage. |
| Serious eye damage, category 1 | H318 | Causes serious eye damage. |
| Specific target organ toxicity - single exposure, category 3 | H335 | May cause respiratory irritation. |
| Skin sensitization, category 1 | H317 | May cause an allergic skin reaction. |

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SECTION 2. Hazards identification ... / >>

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.
H317 May cause an allergic skin reaction.

Precautionary statements:

P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P280 Wear protective gloves/ protective clothing / eye protection / face protection.
P310 Immediately call a POISON CENTER / doctor
P264 Wash the skin thoroughly after use.

Contains: Sodium hydroxide
Disodium metasilicate
1,2-benzisothiazol-3(2H)-one

Ingredients according to Regulation (EC) No. 648/2004

15% or over but less than 30% phosphates
Preservation agents: 1,2-Benzisothiazol-3 (2H) -one

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

| Identification | x = Conc. % | Classification (EC) 1272/2008 (CLP) |
|----------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sodium hydroxide | | |
| INDEX 011-002-00-6 | 17 \leq x < 25 | Met. Corr. 1 H290, Skin Corr. 1A H314, Eye Dam. 1 H318 Skin Corr. 1B H314: \geq 2%, Skin Irrit. 2 H315: \geq 0,5%, Eye Irrit. 2 H319: \geq 0,5% |
| EC 215-185-5 | | |
| CAS 1310-73-2 | | |
| REACH Reg. 01-2119457892-27-XXXX | | |
| Sodium carbonate | | |
| INDEX 011-005-00-2 | 17 \leq x < 25 | Eye Irrit. 2 H319 |
| EC 207-838-8 | | |
| CAS 497-19-8 | | |
| REACH Reg. 01-2119485498-19-XXXX | | |

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SECTION 3. Composition/information on ingredients ... / >>

Disodium metasilicate

INDEX 014-010-00-8 $20 \leq x < 28$

EC 229-912-9

CAS 6834-92-0

REACH Reg. 01-2119449811-37-XXXX

1,2-benzisothiazol-3(2H)-one

INDEX 613-088-00-6 $0,1 \leq x < 0,15$

EC 220-120-9

CAS 2634-33-5

REACH Reg. 01-2120761540-60-XXXX

Met. Corr. 1 H290, Skin Corr. 1B H314, Eye Dam. 1 H318, STOT SE 3 H335

Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317,
Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411

Skin Sens. 1 H317: $\geq 0,05\%$

LD50 Oral: <670 mg/kg

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

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SECTION 6. Accidental release measures ... / >>

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

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

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Ensure that there is an adequate earthing system for the equipment and personnel. In order to avoid the risk of fires and explosions, never use compressed air when handling. Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Avoid leakage of the product into the environment. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Keep the product in clearly labelled containers. Keep containers well sealed. Store in a ventilated and dry place, far away from sources of ignition. Avoid violent blows. Avoid overheating. Avoid contact with water.

Storage class TRGS 510 (Germany): 8A

7.3. Specific end use(s)

See the exposure scenarios attached to this safety datasheet.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

EU OEL EU Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; 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 98/24/EC; Directive 91/322/EEC.

Disodium metasilicate

Threshold Limit Value

| Type | Country | TWA/8h | | STEL/15min | | Remarks / Observations |
|------|---------|--------|-----|------------|-----|------------------------|
| | | mg/m3 | ppm | mg/m3 | ppm | |
| OEL | EU | 3 | | | | INHAL |
| OEL | EU | 10 | | | | RESP |

Predicted no-effect concentration - PNEC

| | | |
|----------------------------------------------|------|------|
| Normal value in fresh water | 7,5 | mg/l |
| Normal value in marine water | 1 | mg/l |
| Normal value for water, intermittent release | 1000 | mg/l |
| Normal value of STP microorganisms | 7,5 | mg/l |

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | | | Effects on workers | | | |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| | Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Oral | | | | 0,74 mg/kg/d | | | | |
| Inhalation | | | | 1,55 mg/m3 4h | | | | 6,22 mg/m3 4h |
| Skin | | | | 0,74 mg/kg/d | | | | 1,49 mg/kg/d |

SECTION 8. Exposure controls/personal protection ... / >>

Sodium hydroxide

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | Chronic | | Effects on workers | | Chronic local | Chronic systemic |
|-------------------|----------------------|----------------|----------------------|----------|--------------------|----------------|----------------------|------------------|
| | Acute local | Acute systemic | local | systemic | Acute local | Acute systemic | | |
| Inhalation | | | 1 | | | | 1 | |
| | | | mg/m ³ 4h | | | | mg/m ³ 4h | |

Sodium carbonate

Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers | | Chronic | | Effects on workers | | Chronic local | Chronic systemic |
|-------------------|----------------------|----------------|---------|----------|--------------------|----------------|----------------------|------------------|
| | Acute local | Acute systemic | local | systemic | Acute local | Acute systemic | | |
| Inhalation | 10 | | | | | | 10 | |
| | mg/m ³ 4h | | | | | | mg/m ³ 4h | |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.
 VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m³; PNOC inhalable fraction: 10 mg/m³). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

When choosing risk management measures and operating conditions, consult the exposure scenarios attached.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374).

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION

Wear category III professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear a hood visor or protective visor combined with airtight goggles (see standard EN 166).

RESPIRATORY PROTECTION

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

For information on controlling environmental exposure, see the exposure scenarios attached to this safety datasheet.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Properties | Value | Information |
|--------------------------------|-----------------------------|--------------------------------------------------------------------------------|
| Appearance | pressed powder into tablets | |
| Colour | white | |
| Odour | not available | |
| Melting point / freezing point | not available | |
| Initial boiling point | not available | |
| Flammability | flammable solid | |
| Lower explosive limit | not available | |
| Upper explosive limit | not available | |
| Flash point | not applicable | Reason for missing data: No flammable ingredients are contained in the formula |
| Auto-ignition temperature | not available | |

SECTION 9. Physical and chemical properties ... / >>

| | |
|----------------------------------------|---------------|
| Decomposition temperature | not available |
| pH | 12,5 |
| Kinematic viscosity | not available |
| Solubility | not available |
| Partition coefficient: n-octanol/water | not available |
| Vapour pressure | not available |
| Density and/or relative density | 0,9 |
| Relative vapour density | not available |
| Particle characteristics | not available |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

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.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

The powders are potentially explosive when mixed with air.

10.4. Conditions to avoid

Avoid environmental dust build-up.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

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SECTION 11. Toxicological information ... / >>ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component)
 ATE (Oral) of the mixture: Not classified (no significant component)
 ATE (Dermal) of the mixture: Not classified (no significant component)

1,2-benzisothiazol-3(2H)-one
 LD50 (Dermal): > 2000 mg/kg Rat
 LD50 (Oral): < 670 mg/kg

Disodium metasilicate
 LD50 (Dermal): > 5000 mg/kg Rat
 LC50 (Inhalation vapours): > 2060 mg/l/4h Rat

Sodium carbonate
 LD50 (Dermal): > 2000 mg/kg Rat
 LD50 (Oral): 2800 mg/kg Rat

Disodium metasilicate
 All acute toxicity symptoms are due to high alkalinity

Sodium hydroxide
 According to the CLP regulation, annex VI, table 3.1, the concentration limit for corrosivity of NaOH is considered equal to 2%. Until the most recent ATP, this has not been changed. Therefore, 2% is brought to the characterization of the risk as a concentration limit for corrosivity.

SKIN CORROSION / IRRITATION

Corrosive for the skin
 Classification according to the experimental Ph value

1,2-benzisothiazol-3(2H)-one
 Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

1,2-benzisothiazol-3(2H)-one
 Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

1,2-benzisothiazol-3(2H)-one
 Skin sensitizer

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause respiratory irritation

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

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SECTION 11. Toxicological information ... / >>ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

| | |
|-----------------------------------|---------------------------------------------|
| 1,2-benzisothiazol-3(2H)-one | |
| LC50 - for Fish | 2,18 mg/l/96h <i>Lepomis macrochirus</i> |
| EC50 - for Crustacea | 2,94 mg/l/48h <i>Daphnia magna</i> |
| EC50 - for Algae / Aquatic Plants | 0,11 mg/l/72h |
| Chronic NOEC for Crustacea | 1,7 mg/l <i>Daphnia magna</i> |
| Disodium metasilicate | |
| LC50 - for Fish | 1108 mg/l/96h <i>Brachydanio rerio</i> |
| EC50 - for Crustacea | 1700 mg/l/48h <i>Daphnia magna</i> |
| EC50 - for Algae / Aquatic Plants | 207 mg/l/72h <i>Scenedesmus subspicatus</i> |
| Sodium hydroxide | |
| LC50 - for Fish | > 35 mg/l/96h |
| EC50 - for Crustacea | 40,4 mg/l/48h <i>Ceriodaphnia dubia</i> |
| Sodium carbonate | |
| LC50 - for Fish | 300 mg/l/96h <i>Lepomis macrochirus</i> |
| EC50 - for Crustacea | > 200 mg/l/48h <i>Ceriodaphnia dubia</i> |

12.2. Persistence and degradability

Disodium metasilicate
As inorganic substances and in consideration of their chemical structure, soluble silicates are not susceptible to biodegradation.

1,2-benzisothiazol-3(2H)-one
Rapidly degradable

Disodium metasilicate
Degradability: information not available

Sodium carbonate
Degradability: information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

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SECTION 12. Ecological information ... / >>

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: 3262

14.2. UN proper shipping name

ADR / RID: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Disodium metasilicate)

IMDG: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Disodium metasilicate)

IATA: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Disodium metasilicate)

14.3. Transport hazard class(es)

ADR / RID: Class: 8 Label: 8



IMDG: Class: 8 Label: 8



IATA: Class: 8 Label: 8



14.4. Packing group

ADR / RID, IMDG, IATA: II

14.5. Environmental hazards

ADR / RID: NO

IMDG: NO

IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: 80
Special provision: -

Limited Quantities: 1 kg

Tunnel restriction code: (E)

IMDG: EMS: F-A, S-B

Limited Quantities: 1 kg

IATA: Cargo:

Maximum quantity: 50 Kg

Packaging instructions: 863

Pass.:

Maximum quantity: 15 Kg

Packaging instructions: 859

Special provision:

A3, A803

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

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SECTION 16. Other information ... / >>

| | |
|-------------|--------------------------------------------------|
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Use descriptor system:

| | |
|----------------|------------------------------------------------------------------------------------------|
| LCS PW | Widespread use by professional workers |
| LCS SL | Service life |
| PROC 19 | Manual activities involving hand contact |
| PROC 28 | Manual maintenance (cleaning and repair) of machinery |
| PROC 8a | Transfer of substance or mixture (charging and discharging) at non- dedicated facilities |
| SU 4 | Manufacture of food products |

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

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SECTION 16. Other information ... / >>

- 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 website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 11 / 12 / 15 / 16.