

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date first issue: 18/02/2020 Review date: 14/02/2024 Supersedes version of: 14/02/2024 Version: 2.1

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

1.1. Product identifier

Product form : Mixture

Product name : GREEN'R AUTODISH SOLID UFI : X0Q0-G00F-Q001-5HSW

Product code Type of product : Detergent : Mixture Product group

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

1.2.1. Relevant identified uses

Main use category : Machine dishwashing detergent, Professional use

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Alkaline cleaner Function or use category : Detergent

1.2.2. Uses advised against

Restrictions on use : The product should not be used for purposes other than those shown above without first

referring to the supplier and obtaining written handling instructions

1.3. Details of the supplier of the safety data sheet

Supplier

Christeyns España, SLU

C/ Científica Margarita Salas Falgueras, 2 P.I. Raconc

ES- 46729 Ador - Valencia - Spain Valencia

T+34 962 871 345 - F+34 962 875 867

info.ES@christeyns.com - www.christeyns.com

Distributor

Christeyns UK Ltd. **Rutland Street** GB- Bradford BD4 7EA

T +44 (0)1274 39 32 86 - F +44 (0)1274 30 91 43

info@christeyns.be - www.christeyns.com

United Kingdom

Distributor

Christeyns Food Hygiene Ltd. Ltd 2, Cameron Court, Winwick Quay GB- WA2 8RE Warrington - Cheshire United Kingdom

T +44 (0)1925 23 46 96 - F +44 (0)1925 23 46 93 <u>UK-foodinfo@christeyns.com</u> - <u>www.christeyns.com</u>

1.4. Emergency telephone number

Distributor

Casoria Company Ltd. Ltd 1 Farnham Street

IE- H12 A9K0 Cavan - Co. Cavan

Ireland

T 00353 49 4361869 - F 00353 49 436 1869

sds@casoria.ie - www.casoria.ie

Distributor

Christeyns Technologies Ltd.

Mazars, Block 3, Harcout Centre, Harcourt Road

IE-2 Dublin Ireland

T+353 1 8146022

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|--|--|--|-----------------------------------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1 H314 Serious eye damage/eye irritation, Category 1 H318

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes severe skin burns and eye damage.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

CLP Signal word : Danger

Contains : Sodium hydroxide; Phosphonic acid derivative; disodium metasilicate

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Immediately call a doctor, a POISON CENTER.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor, a POISON CENTER. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

doctor, a POISON CENTER.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|------------|--|
| Sodium hydroxide substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, IS, NO, CH) | CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27 | 25 - 50 % | Met. Corr. 1, H290 Skin Corr. 1A, H314 |
| disodium metasilicate | CAS-no: 10213-79-3 Einecs nr: 229-912-9 REACH-no: 01-2119449811- 37 | 2,5 < 10 % | Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 |

| Specific concentration limits: | | | |
|---|--|---|--|
| Name Product identifier Specific concentration limits | | | |
| Sodium hydroxide | CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27 | (0.5 ≤C < 2) Eye Irrit. 2, H319 (0.5 ≤C < 2) Skin Irrit. 2, H315 (2 ≤C < 5) Skin Corr. 1B, H314 (5 ≤C ≤ 100) Skin Corr. 1A, H314 | |

Full text of H- and EUH-statements: see section 16

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

General advice

: Call a physician immediately. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation

: Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Allow affected person to breathe fresh air. Allow the victim to rest.

14/02/2024 (Revision date) EN (English) 2/11

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a

physician immediately. Immediately call a POISON CENTER/doctor. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water

rinse.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Call a physician immediately. Immediately call a POISON

CENTER/doctor.

Ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately. Do NOT induce

vomiting. Immediately call a POISON CENTER/doctor. Obtain emergency medical

attention.

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

Symptoms/effects : Causes severe skin burns and eye damage.

Acute effects skin : Burns

Acute effects eyes : Serious damage to eyes. Causes serious eye damage.

Acute effects oral route : Burns

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing. Do not enter fire area without proper

protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust. Evacuate

unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper

protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers.

Minimise generation of dust. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not

breathe dust. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid contact

during pregnancy/while nursing.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product. Wash hands, forearms and face

thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

14/02/2024 (Revision date) EN (English) 3/11

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Storage conditions

Incompatible products

: Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.

: Strong bases. Strong acids.

Incompatible materials : Metals. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Sodium hydroxide (1310-73-2) | | |
|--|--|--|
| Ireland - Occupational Exposure Limits | | |
| Local name Sodium hydroxide | | |
| OEL STEL 2 mg/m³ | | |
| Regulatory reference Chemical Agents Code of Practice 2021 | | |
| United Kingdom - Occupational Exposure Limits | | |
| Local name Sodium hydroxide | | |
| WEL STEL (OEL STEL) 2 mg/m³ | | |
| Regulatory reference EH40/2005 (Fourth edition, 2020). HSE | | |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):









8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield. Safety glasses. Chemical goggles or safety glasses

8.2.2.2. Skin protection

Protective equipment:

Wear suitable protective clothing

Hand protection:

Protective gloves. Wear protective gloves.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : White.
Physical state/form : solid.

: Characteristic. Odour Odour threshold : Not available Melting point/range · Not available Freezing point : Not applicable Boiling point/Boiling range : Not available Flammability : Non flammable. Explosive limits : Not applicable Lower explosion limit : Not applicable Upper explosion limit : Not applicable Flash point : Not applicable Autoignition temperature : Not applicable Decomposition temperature : Not available : 12 - 13 (1%) pH solution : Not available Viscosity, kinematic : Not applicable : Not available Solubility Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50°C : Not available : Not available Density : 1.464 g/ml Relative density Relative vapour density at 20°C : Not applicable

9.2. Other information

Particle size

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Thermal decomposition generates: Corrosive vapours.

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

: Not available

10.5. Incompatible materials

metals. Strong acids. Strong bases.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates: Corrosive vapours.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| disodium metasilicate (10213-79-3) | | |
|--------------------------------------|-----------------------|--|
| ATE CLP (oral) 2000 mg/kg bodyweight | | |
| ATE CLP (dermal) | 5000 mg/kg bodyweight | |
| ATE CLP (dust,mist) | 5000 mg/m³ | |

Skin corrosion/irritation : Causes severe skin burns.

pH: 12 - 13 (1%)

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Causes serious eye damage.

pH: 12 - 13 (1%)

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

disodium metasilicate (10213-79-3)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

Not rapidly degradable

| Sodium hydroxide (1310-73-2) | | |
|------------------------------------|--------------------------|--|
| LC50 - Fish [1] > 35 mg/l | | |
| EC50 - Crustacea [1] | 40.4 mg/l (Ceriodaphnia) | |
| EC50 - Other aquatic organisms [1] | > 33 mg/l waterflea | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.2. Persistence and degradability

| V | | | | |
|--|--|--|--|--|
| GREEN'R AUTODISH SOLID | | | | |
| Persistence and degradability Not established. | | | | |
| Sodium hydroxide (1310-73-2) | | | | |
| Persistence and degradability | Persistence and degradability The methods for determining biodegradability are not applicable to inorganic substances. | | | |
| 12.3. Bioaccumulative potential | | | | |
| GREEN'R AUTODISH SOLID | | | | |
| Bioaccumulative potential Not established. | | | | |
| Sodium hydroxide (1310-73-2) | | | | |
| Log Pow | -3.88 | | | |
| Bioaccumulative potential No bioaccumulation. | | | | |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations
- : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- Waste / unused products : Avoid release to the environment.

HP Code : HP8 - "Corrosive:" waste which on application can cause skin corrosion.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR | IMDG | IATA |
|--|---|---|
| 14.1. UN number or ID number | | |
| UN 3262 | UN 3262 | UN 3262 |
| 14.2. UN proper shipping name | | |
| CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide) | CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide) | Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide) |
| Transport document description | | |
| UN 3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide), 8, II, (E) | UN 3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide), 8, II | UN 3262 Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide), 8, II |
| 14.3. Transport hazard class(es) | | |
| 8 | 8 | 8 |
| *************************************** | 8 | 8 |
| 14.4. Packing group | | |
| II | II | II |
| 14.5. Environmental hazards | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR | IMDG | IATA |
|--|------|------|
| No supplementary information available | | |

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C6
Special provisions (ADR) : 274
Limited quantities (ADR) : 1kg

Packing instructions (ADR) : P002, IBC08

Special packing provisions (ADR) : B4

Mixed packing provisions (ADR) : MP10

Portable tank and bulk container instructions : T3

(ADR)

Portable tank and bulk container special provisions

(ADR)

: TP33

Tank code (ADR) : SGAN, L4BN Vehicle for tank carriage : AT

Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V11
Hazard identification number (Kemler No.) : 80

Orange plates :

80 3262

Tunnel code : E
EAC code : 2X

Transport by sea

Special provisions (IMDG) : 274

Packing instructions (IMDG) : P002

IBC packing instructions (IMDG) : IBC08

IBC special provisions (IMDG) : B21, B4

Air transport

PCA Limited quantities (IATA) : Y844
PCA limited quantity max net quantity (IATA) : 5kg
PCA packing instructions (IATA) : 859
PCA max net quantity (IATA) : 15kg
CAO packing instructions (IATA) : 863
CAO max net quantity (IATA) : 50kg
Special provisions (IATA) : A3, A803

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

| Labelling of contents | | |
|-----------------------|-----|--|
| Component | % | |
| phosphonates | <5% | |

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | | | |
|-----------------------|--|----------|----------|--|
| Section | Changed item | Change | Comments | |
| | Supersedes | Added | | |
| | Review date | Modified | | |
| 1.1 | Name | Modified | | |
| 1.2 | Industrial/Professional use spec | Added | | |
| 1.2 | Use of the substance/mixture | Added | | |
| 2.2 | Precautionary statements (CLP) | Modified | | |
| 3 | Composition/information on ingredients | Modified | | |
| 4.1 | Inhalation | Modified | | |
| 4.1 | General advice | Modified | | |
| 4.1 | Skin contact | Modified | | |
| 4.1 | Ingestion | Modified | | |
| 4.1 | Eye contact | Modified | | |
| 4.2 | Symptoms/effects | Added | | |
| 4.2 | Acute effects eyes | Modified | | |
| 5.1 | Unsuitable extinguishing media | Added | | |
| 5.1 | Suitable extinguishing media | Modified | | |
| 5.3 | Firefighting instructions | Added | | |
| 5.3 | Protection during firefighting | Modified | | |
| 6.1 | Emergency procedures | Added | | |
| 6.1 | Protective equipment | Modified | | |
| 6.1 | Emergency procedures | Modified | | |
| 6.2 | Environmental precaution(s) | Modified | | |
| 6.3 | Methods for cleaning up | Modified | | |
| 6.4 | Reference to other sections (8, 13) | Modified | | |
| 7.1 | Precautions for safe handling | Modified | | |
| 7.1 | Hygiene measures | Modified | | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes | | | |
|-----------------------|---|----------|----------|
| Section | Changed item | Change | Comments |
| 7.2 | Technical measures | Added | |
| 7.2 | Incompatible products | Added | |
| 7.2 | Incompatible materials | Modified | |
| 7.2 | Storage conditions | Modified | |
| 8.2 | Other information | Added | |
| 8.2 | Personal protective equipment | Added | |
| 8.2 | Respiratory protection | Modified | |
| 8.2 | Hand protection | Modified | |
| 8.2 | Eye protection | Modified | |
| 9.1 | Relative density | Added | |
| 9.1 | Physical state/form | Added | |
| 9.1 | рН | Modified | |
| 9.1 | Viscosity, kinematic | Modified | |
| 9.1 | Density | Modified | |
| 10.1 | Reactivity | Modified | |
| 10.2 | Stability | Modified | |
| 10.3 | Possibility of hazardous reactions | Modified | |
| 10.4 | Conditions and products to avoid | Modified | |
| 10.5 | Material(s) to avoid | Modified | |
| 10.6 | Risks, due to products, formed by thermal decomposition | Modified | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Additional information | Added | |
| 11.1 | Potential adverse human health effects and symptoms | Added | |
| 12.2 | Persistence and degradability | Added | |
| 12.3 | Bioaccumulative potential | Added | |
| 13.1 | Product/Packaging disposal recommendations | Added | |
| 13.1 | Waste / unused products | Added | |
| 13.1 | HP Code | Added | |
| 16 | Data sources | Added | |
| 16 | Other information | Added | |

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | | | |
|-------------------------------------|--|--|--|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | | |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 | | |
| H290 | May be corrosive to metals. | | |
| H314 | Causes severe skin burns and eye damage. | | |
| H315 | Causes skin irritation. | | |
| H318 | Causes serious eye damage. | | |
| H319 | Causes serious eye irritation. | | |
| H335 | May cause respiratory irritation. | | |
| Met. Corr. 1 | Corrosive to metals, Category 1 | | |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A | | |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B | | |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 | | |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | | |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | | |
|---|------|-----------------------|--|
| Skin Corr. 1 | H314 | On basis of test data | |
| Eye Dam. 1 | H318 | Expert judgement | |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.