

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

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## Drain Clean Pearls 880g

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

#### 1.1. Product identifier

Trade name/designation:

Drain Clean Pearls 880g

Article No.:

T407004

UFI:

XTHD-AW5X-A8N5-787H

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

Use of the substance/mixture:

Blockage protection

Relevant identified uses:

**Product Categories [PC]**

**PC 35:** Washing and cleaning products

**Environmental release categories [ERC]**

**ERC 2:** Formulation into mixture (mixtures)

#### 1.3. Details of the supplier of the safety data sheet

Supplier:

**KANDO Service GmbH**

Hartleitnerstraße 3

4653 Eberstalzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Corr. 1</i> )	H314: Causes severe skin burns and eye damage.	

#### 2.2. Label elements

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

Hazard pictograms:



**GHS05**

Corrosion

Signal word: Danger

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### Hazard components for labelling:

sodium hydroxide; sodium nitrate

#### Hazard statements for health hazards

H314	Causes severe skin burns and eye damage.
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#### Precautionary statements Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing and eye protection/face protection.

#### Precautionary statements Response

P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.

#### Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
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### 2.3. Other hazards

#### Adverse physicochemical effects:

Materials to avoid: Acids, Light metal, Aluminium, zinc, Organic peroxides.

#### Adverse human health effects and symptoms:

Causes severe skin burns and eye damage.

#### Other adverse effects:

The mixture shall not contain substances whose properties interfere with endocrine disruption in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain substances that do not meet the criteria for PBT or vPvB set out in Annex XIII to Regulation (EC) No 1907/2006 (REACH) of the European Parliament, as amended. Dust may form an explosive mixture with air.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1310-73-2 EC No.: 215-185-5 REACH No.: 01-2119457892-27	<b>sodium hydroxide</b> Skin Corr. 1A (H314) ⚠ Danger <b>Specific concentration limit (SCL)</b> Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Corr. 1A; H314: $C \geq 5\%$ Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$ Skin Irrit. 2; H315: $0.5\% \leq C < 2\%$	< 75 weight-%
CAS No.: 7631-99-4 EC No.: 231-554-3	<b>sodium nitrate</b> Eye Irrit. 2 (H319), Ox. Sol. 3 (H272) ⚠ Warning	< 25 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

Pay attention to your own safety. If health problems occur or in case of doubt, inform the doctor and give him information from this safety data sheet. In case of unconsciousness, place the victim in a stabilised lateral position with the head slightly tilted and ensure patency of the airway, do not induce vomiting in any way. If the patient vomits, make sure that the vomit is not swallowed. In life-threatening conditions,

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first attempt to resuscitate the victim and secure medical help. In case of respiratory arrest - immediately initiate artificial respiration. In case of cardiac arrest - immediately perform indirect cardiac massage.

### Following inhalation:

Pay attention to your own safety, let the affected person go! Stop exposure immediately, bring affected person into fresh air. Watch out for contaminated clothing. Depending on the situation, call the emergency services or secure a medical examination regarding the need for further monitoring for a period of at least 24 hours.

### In case of skin contact:

Remove contaminated clothing. Remove rings, watches, bracelets before or during washing if they are in affected areas. Depending on the situation, call an ambulance and always secure medical treatment. Rinse affected areas with a stream of if possible lukewarm water for a period of 10-30 minutes; do not use a brush, soap or neutraliser. Wash/shower skin with water. Rinse gently with water for a few minutes.

### After eye contact:

Immediately rinse the eyes with a stream of running water, open the eyelids (with force if necessary); if the affected person has contact lenses, remove them immediately. Do not perform neutralisation under any circumstances! Carry out the washout for 10-30 minutes from the inner to the outer corner so that the other eye is not affected. Depending on the situation, call an ambulance or secure a medical examination as soon as possible. Everyone must be sent for an examination even in the case of minor contact.

### Following ingestion:

DON'T PREACH - there is a risk of further damage to the digestive tract!!! There is a risk of perforation of the oesophagus as well as the stomach! IMMEDIATELY RINSE MOUTH WITH WATER and then DRINK 2-5 dl of cold water to reduce the thermal effect of alkalis. Larger amounts of ingested liquid are not beneficial, vomiting could be induced and possible inhalation of corrosives into the lungs. Do not force the sufferer to drink, especially if they already have pain in their mouth or throat. In this case, only allow the affected person to rinse the oral cavity with water. DO NOT ADMINISTER ACTIVATED CHARCOAL! Depending on the situation, call an ambulance or secure a medical examination as soon as possible.

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

By inhalation: Inhalation of dust may cause respiratory burns. In case of contact with skin: Causes severe skin burns. In case of contact with eyes: Causes severe eye damage. If swallowed: May cause burns to the digestive tract.

## 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:

The product is not flammable. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media:

Water jet

### 5.2. Special hazards arising from the substance or mixture

Inhalation of hazardous decomposing (pyrolysing) products may cause serious damage to health.

#### Hazardous combustion products:

Carbon oxides, Carbon dioxide, toxic gases

### 5.3. Advice for firefighters

Self-contained breathing apparatus (SCBA) with a chemical protective suit if (close) personal contact.

Wear self-contained breathing apparatus and full protective suit.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Wear personal protection equipment (refer to section 8). Do not breathe dust. Avoid contact with eyes and skin.

##### 6.1.2. For emergency responders

No data available

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

**For cleaning up:**

Take up mechanically.

**Other information:**

Dispose of contaminated material as waste according to section 13.

#### 6.4. Reference to other sections

See section 7 for further information on safe handling.

For further information on personal protective equipment: see section 8.

For further information on disposal: see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Prevent the formation of gases and vapours in concentrations exceeding the occupational exposure limits for hazardous substances. Do not inhale the dust. Avoid contact with skin and eyes. Wash hands and affected body parts thoroughly after use. Use personal protective equipment according to section 8. Observe the applicable legislation on health and safety.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Requirements for storage rooms and vessels:**

Keep container tightly closed in a cool, well-ventilated place. Do not store near sources of ignition.

**Hints on storage assembly:**

Keep away from food, drink and animal feed. Do not eat, drink or smoke when using this product.

**Storage class (TRGS 510, Germany):** 8B - Non-combustible corrosive substances

**Further information on storage conditions:**

minimum storage temperature: 5°C

maximum storage temperature: 30°C

#### 7.3. Specific end use(s)

**Recommendation:**

Cleaning agent

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5	② 4 mg/m <sup>3</sup> ⑤ (einatembare Fraktion max. 8x5 min./Schicht, Momentanwert)
MAK (AT)	<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5	① 2 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5	1 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, local effects
<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5	1 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, local effects
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	36.7 mg/m <sup>3</sup>	① DNEL worker ② Acute - inhalation, systemic effects
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	10.9 mg/m <sup>3</sup>	① DNEL Consumer ② Acute - inhalation, systemic effects
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	20.8 mg/kg bw/day	① DNEL worker ② Acute - dermal, systemic effects
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	12.5 mg/kg bw/day	① DNEL Consumer ② Acute - dermal, systemic effects
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	12.5 mg/kg bw/day	① DNEL Consumer ② Acute - oral, systemic effects

Substance name	PNEC Value	① PNEC type
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	0.45 mg/L	① PNEC aquatic, freshwater
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	0.045 mg/L	① PNEC aquatic, marine water
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	18 mg/L	① PNEC sewage treatment plant
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3	4.5 mg/L	① PNEC aquatic, intermittent release

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Safety goggles or face shield (depending on the type of work being done).

##### Skin protection:

Hand protection:

Protective gloves, resistant to the product. Follow the recommendations of the specific manufacturer of the gloves when selecting them in terms of thickness, material and permeability. Follow other recommendations of the manufacturer.

Body protection:

Protective clothing. In case of contamination of the skin, rinse thoroughly.

##### Respiratory protection:

Mask with dust filter when exposure limits of substances are exceeded or in a poorly ventilated environment.

##### Thermal hazards:

No further relevant information available.

##### Other protection measures:

Care must be taken to avoid direct contact with the product, skin and eye contact, accidental ingestion and spillage. It is forbidden to eat or smoke during work. Hand washing facilities during breaks and hot water baths after work should be provided. Afterwards, hands should be coated with skin protection cream.

#### 8.2.3. Environmental exposure controls

Section 6: Accidental Release Measures

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state: granulate

Colour: white

Odour: inconspicuous

#### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	No data available	
Melting point	No data available	
Freezing point	No data available	
Initial boiling point and boiling range	No data available	
Evaporation rate	No data available	
Vapour pressure	No data available	
Density	No data available	
Bulk density	No data available	
Water solubility	No data available	

#### particle characteristics:

No data available

### 9.2. Other information

No data available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

Protect from flames, sparks, overheating and frost.

#### 10.5. Incompatible materials

Strong acid, Alkalis, Oxidizing agent

#### 10.6. Hazardous decomposition products

Do not occur during normal use. At high temperatures and in the event of a fire, dangerous products such as carbon oxide and carbon dioxide are formed.

### SECTION 11: Toxicological information

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

<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5
<b>LD<sub>50</sub> oral:</b> >2,000 mg/kg (Rat)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >5 mg/L
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3
<b>LD<sub>50</sub> oral:</b> 3,430 mg/kg (Rat) OECD 401
<b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg OECD 402

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation:

Causes severe skin burns and eye damage.

#### Respiratory or skin sensitisation:

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

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

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

#### Reproductive toxicity:

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

#### STOT-single exposure:

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

#### STOT-repeated exposure:

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

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### Aspiration hazard:

Inhalation of solvent vapours above levels exceeding the exposure limit values for the working environment may result in acute inhalation poisoning, depending on the level of concentration and the exposure time. Based on available information, the criteria for classification are not met.

### 11.2. Information on other hazards

#### Endocrine disrupting properties:

No further relevant information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5
LC <sub>50</sub> : 125 mg/L 4 d (fish, <i>Poecilia reticulata</i> )
EC <sub>50</sub> : 40.4 mg/L 2 d (crustaceans, <i>Daphnia magna</i> )
LC <sub>50</sub> : 125 mg/L 4 d (fish, <i>Gambusia affinis</i> (Mosquito fish))
EC <sub>50</sub> : 40.4 mg/L 2 d (fish, <i>Ceriodaphnia spec</i> )
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3
LC <sub>50</sub> : 6,000 mg/L (fish, <i>Oncorhynchus mykiss</i> )
LC <sub>50</sub> : 4,400 mg/L (fish)
EC <sub>50</sub> : 8,600 mg/L (crustaceans, <i>Daphnia magna</i> )
LC <sub>50</sub> : 8,600 mg/L (crustaceans, <i>Daphnia magna</i> )
EC <sub>50</sub> : >1,700 mg/L (Algae/water plant, <i>Selenastrum capricornutum</i> )
LC <sub>50</sub> : >1,700 mg/L (Algae/water plant, <i>Selenastrum capricornutum</i> )

#### Assessment/classification:

There are no data available on the mixture itself.

### 12.2. Persistence and degradability

#### Abiotic degradation:

No further relevant information available.

#### Biodegradation:

No further relevant information available.

### 12.3. Bioaccumulative potential

#### Accumulation / Evaluation:

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

<b>sodium hydroxide</b> CAS No.: 1310-73-2 EC No.: 215-185-5
Results of PBT and vPvB assessment: —
<b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3
Results of PBT and vPvB assessment: —

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

The mixture shall not contain substances whose properties interfere with endocrine disruption, in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

No further relevant information available.



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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Risk of contamination of the environment, proceed in accordance with the Waste Act as well as the implementing regulations on waste disposal. Proceed in accordance with the applicable regulations on waste disposal. Place an unused product and soiled packaging in containers marked for waste collection and hand them over for disposal to a person (specialised company) authorised to carry out such activities. Do not pour an unused product into the sewage system. Do not dispose of together with municipal waste. Empty packaging may be used energetically in a waste incineration plant or deposited in a landfill of the appropriate incorporation. Completely cleaned packaging can be handed over for recycling.

#### 13.1.1. Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product

15 01 10 *	packaging containing residues of or contaminated by dangerous substances
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\*: Evidence for disposal must be provided.

#### 13.2. Additional information

Ordinance of the Federal Minister of Agriculture, Forestry, Environment and Water Management on the Avoidance and Recovery of Packaging Waste and Certain Residual Goods (Packaging Ordinance 2014), as amended. Hazardous waste according to the Waste Catalogue Ordinance. Ordinance of the Federal Minister of Agriculture, Forestry, Environment and Water Management on a List of Wastes (List of Wastes Ordinance), as amended. Decision 2000/532/EC on the provision of a list of wastes with subsequent amendments. Federal Act on Sustainable Waste Management (Waste Management Act 2002 - AWG 2002), as amended.

### SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
UN 3084	UN 3084	UN 3084	UN 3084
<b>14.2. UN proper shipping name</b>			
CORROSIVE SOLID, OXIDIZING, N.O.S. (sodium hydroxide, sodium nitrate)	CORROSIVE SOLID, OXIDIZING, N.O.S. (sodium hydroxide, sodium nitrate)	CORROSIVE SOLID, OXIDIZING, N.O.S. (Sodium hydroxide, Sodium nitrate)	CORROSIVE SOLID, OXIDIZING, N.O.S. (Sodium hydroxide, Sodium nitrate)
<b>14.3. Transport hazard class(es)</b>			
 8 5.1	 8 5.1	 8 5.1	 8 5.1
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
No	No	No	No
<b>14.6. Special precautions for user</b>			
<b>Special Provisions:</b> 274 <b>Limited quantity (LQ):</b> 1 kg <b>Excepted Quantities (EQ):</b> E2 <b>Hazard identification number (Kemler No.):</b> 85 <b>Classification code:</b> CO2	<b>Special Provisions:</b> 274 <b>Limited quantity (LQ):</b> 1 kg <b>Excepted Quantities (EQ):</b> E2 <b>Classification code:</b> CO2	<b>Special Provisions:</b> 274 <b>Limited quantity (LQ):</b> 1 kg <b>Excepted Quantities (EQ):</b> E2 <b>EmS-No.:</b> F-A, S-Q	<b>Limited quantity (LQ):</b> Y844 <b>Excepted Quantities (EQ):</b> E2 <b>Remark:</b> IATA Packing Instructions - Passenger: 859 IATA-Verpackungsanweisung - Cargo: 863

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
Tunnel restriction code: (E)			

### 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 legislation

##### Authorisations:

Bundesgesetz über die Gesundheit Österreich GmbH (GÖGG) StF: BGBl. I No. 132/2006. Regulation of the European Parliament and of the Council (EC) No. 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation of the European Parliament and of the Council (EC) No 1272/2008, as amended. Federal Act on the Protection of Human Health and the Environment against Chemicals (Chemicals Act 1996 - ChemG 1996), as amended. Federal Act on Safety and Health at Work (Employee Protection Act - ASchG), as amended. Federal Act on Protection against Immissions caused by Air Pollutants (Immission Protection Act - Air, IG-L), as amended. The product contains reportable explosives precursors: reporting of suspicious transactions, loss and theft in accordance with Regulation (EU) 2019/1148, Article 9. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### 15.1.2. National regulations

No data available

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EC <sub>50</sub>	Effective Concentration 50%
ERC	Environmental Release Category
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
KG	body weight
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health

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OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PC	Product category
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Corr. 1</i> )	H314: Causes severe skin burns and eye damage.	

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H272	May intensify fire; oxidiser.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### 16.6. Training advice

No data available

### 16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.