

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended

SULPHURIC ACID 15% (S1508) - Article number:A02479

Version 3.0

Print Date 26.01.2025

Revision date / valid from 24.01.2025

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

1.1. Product identifier

Trade name	: SULPHURIC ACID 15% (S1508)
Substance name	: sulphuric acid
Index-No.	: 016-020-00-8
CAS-No.	: 7664-93-9
EC-No.	: 231-639-5
EU REACH-Reg. No.	: 01-2119458838-20-xxxx
UFI	: 3H90-H09J-U00S-GRHG
UFI code notified in	: Belgium, Germany, Denmark, Estonia, Spain, Croatia, Ireland, Iceland, Lithuania, Latvia, Malta, Netherlands, Norway, Portugal, Sweden

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

Use of the Substance/Mixture	: Identified use: See table in front of appendix for a complete overview of identified uses.
Uses advised against	: At this moment we have not identified any uses advised against
Remarks	: Before referring to any Exposure Scenario attached to this Safety Data Sheet please check the grade of the product: the Exposure Scenarios presented are not related to all product grade

1.3. Details of the supplier of the safety data sheet

Company	: Indufarm N.V. Leon Bekaertstraat 5 BE 8770 Ingelmunster
Telephone	: +32 (0)51 62 42 45
E-mail address	: contact@indufarm.com
Responsible/ issuing person	: Guido Coppens

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1.4. Emergency telephone number

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245

Netherland: National Poisoning Information Center - Bilthoven
 TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Corrosive to metals	Category 1	---	H290
Skin corrosion	Category 1A	---	H314
Serious eye damage	Category 1	---	H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9/10 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.

Precautionary

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statements

Prevention	:	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
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.
		P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
		P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional Labelling:

Acquisition, possession or use by the general public is restricted.

Hazardous components which must be listed on the label:

- sulphuric acid

2.3. Other hazards

The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical nature : Aqueous solution

	Classification (REGULATION (EC) No 1272/2008)
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Hazardous components	Amount [%]	Hazard class / Hazard category	Hazard statements
sulphuric acid			
Index-No. : 016-020-00-8	>= 15 - <= 18	Met. Corr. 1	H290
CAS-No. : 7664-93-9		Skin Corr. 1A	H314
EC-No. : 231-639-5		Eye Dam. 1	H318
EU REACH- : 01-2119458838-20-xxxx			
Reg. No.			
		specific concentration limit	
		Skin Corr. 1A; H314	
		>= 15 %	
		Eye Irrit. 2; H319	
		5 - < 15 %	
		Skin Irrit. 2; H315	
		5 - < 15 %	
		Note B	

For the full text of the H-Statements mentioned in this Section, see Section 16.
 For the full text of the Notes mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	: Take off all contaminated clothing immediately.
If inhaled	: In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
In case of skin contact	: Wash off immediately with plenty of water. Call a physician immediately.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.
Protection of First Aid Responders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing.

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

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.
Effects	: Extremely corrosive and destructive to tissue. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach. See Section 11 for more detailed information on health effects and

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symptoms.

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

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

Unsuitable extinguishing media : High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : The formation of caustic fumes is possible.

Hazardous combustion products : Sulphur oxides

5.3. Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit)

Specific extinguishing methods : Control smoke with water spray.

Further advice : Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Keep away unprotected persons. Use personal protective equipment. Danger of slipping if spilled. Ensure adequate ventilation. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist.

6.2. Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning : Neutralize with soda and flush with plenty of water. Taking into account local regulations the product may be disposed of as

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up waste water after neutralisation. Clean-up methods - small spillage: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

See Section 1 for emergency contact information.
 See Section 8 for information on personal protective equipment.
 See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Use respirator with appropriate filter if vapours or aerosol are released. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. When diluting, always add the product to water. Never add water to the product.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep in an area equipped with acid resistant flooring. Suitable materials for containers: reinforced plastic; Unsuitable materials for containers: Stainless steel

Advice on protection against fire and explosion : Normal measures for preventive fire protection. The product is not flammable. Gives off hydrogen by reaction with metals. Risk of explosion.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep in a well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs. Keep away from combustible material.

7.3. Specific end use(s)

Specific use(s) : Identified use: See table in front of appendix for a complete overview of identified uses.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component:	sulphuric acid	CAS-No. 7664-93-9
Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)		

DNEL		
Workers, Acute - local effects, Inhalation	:	0,1 mg/m ³
DNEL		
Workers, Long-term - local effects, Inhalation	:	0,05 mg/m ³

Predicted No Effect Concentration (PNEC)		
Fresh water	:	0,0025 mg/l
Marine water	:	0,00025 mg/l
Fresh water sediment	:	0,002 mg/kg
Marine sediment	:	0,002 mg/kg
Sewage treatment plant (STP)	:	8,8 mg/l

Other Occupational Exposure Limit Values	
EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):, Mist. 0,05 mg/m ³ Indicative	
Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Time Weighted Average (TWA):, Mist. 0,2 mg/m ³	
Netherlands. OELs (binding) per Annex XIII of Working Conditions Regulation, as amended, Time Weighted Average (TWA):, Thoracic fraction. 0,05 mg/m ³ Section B: List of Carcinogens	
EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):, Mist. 0,05 mg/m ³ Indicative	

8.2. Exposure controls

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Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : In case of brief exposure or low pollution use breathing filter apparatus.
 Recommended Filter type: BE2P3
 In case of intensive or longer exposure use self-contained breathing apparatus.
 Equipment should conform to EN 14387

Hand protection

Advice : Protective gloves complying with EN 374.
 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.
 Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
 Protective gloves should be replaced at first signs of wear.

Material : polychloroprene
 Break through time : ≥ 8 h
 Glove thickness : 0,5 mm

Material : Nitrile rubber
 Break through time : ≥ 8 h
 Glove thickness : 0,35 mm

Material : butyl-rubber
 Break through time : ≥ 8 h
 Glove thickness : 0,5 mm

Material : Fluorinated rubber
 Break through time : ≥ 8 h
 Glove thickness : 0,4 mm

Material : Polyvinylchloride
 Break through time : ≥ 8 h
 Glove thickness : 0,5 mm

Eye protection

Advice : Tightly fitting safety goggles (EN166)
 Face-shield

Skin and body protection

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Protecting Clothes : Impervious clothing
Chemical resistant apron

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	: liquid
Physical state	: liquid
Colour	: colourless
Odour	: odourless
Odour Threshold	: No data available
Solidification / Setting point	: < 1 °C
Boiling point/boiling range	: > 100 °C
Flammability (solid, gas)	: Not applicable
Upper explosion limit / Upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Self-Accelerating decomposition temperature (SADT)	: No data available
pH	: -0,5 - 0 Concentration: 100 % Method: (calculated)
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available

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Flow time	:	No data available
Solubility(ies)		
Water solubility	:	completely soluble
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	ca. 1,1 g/cm ³ (20 °C)
Bulk density	:	No data available
Relative vapour density	:	No data available
Particle characteristics		
Particle size	:	Not applicable

9.2 Other information

Explosives	:	Product is not explosive.
Metal corrosion rate	:	Corrosive to metals
Molecular weight	:	98,08 g/mol

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice	:	No decomposition if stored and applied as directed. Corrosive in contact with metals
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10.2. Chemical stability

Advice	:	Stable under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions	:	Reacts exothermically with water. Gives off hydrogen by reaction with metals. Exothermic reaction with: Alkali metals Bases Hydrogen peroxide Risk of explosion.
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10.4. Conditions to avoid

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Conditions to avoid : Excessive heat.

10.5. Incompatible materials

Materials to avoid : Organic materials, Bases, Reducing agents, Metals

10.6. Hazardous decomposition products

Hazardous decomposition : Under fire conditions: Sulphur oxides products

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Data for the product	
Acute toxicity	
Oral	
Not classified based on the calculation method according to CLP regulation.	
Inhalation	
Not classified based on the calculation method according to CLP regulation.	
Dermal	
Not classified based on the calculation method according to CLP regulation.	
Irritation	
Skin	
Result	: Classified based on the calculation method according to CLP regulation.
Eyes	
Result	: Classified based on the calculation method according to CLP regulation.
Sensitisation	
Result	: Not classified based on the calculation method according to CLP regulation.
CMR effects	
CMR Properties	
Carcinogenicity	: Not classified based on the calculation method according to CLP regulation.
Mutagenicity	: Not classified based on the calculation method according to CLP

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Reproductive toxicity : regulation.
 : Not classified based on the calculation method according to CLP regulation.

Specific Target Organ Toxicity

Single exposure

Remarks : Not classified based on the calculation method according to CLP regulation.

Repeated exposure

Remarks : Not classified based on the calculation method according to CLP regulation.

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

Not applicable,

Component:	sulphuric acid	CAS-No. 7664-93-9
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Acute toxicity

Oral

LD50 : 2140 mg/kg (Rat)

Inhalation

No valid data available.

Dermal

Study scientifically not justified.

Irritation

Skin

Result : corrosive effects (Causes severe skin burns and eye damage.)

Eyes

Result : corrosive effects (Causes serious eye damage.)

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Sensitisation

Result : Study scientifically not justified.

CMR effects

CMR Properties

Carcinogenicity : Animal testing did not show any carcinogenic effects.
 Mutagenicity : Animal testing did not show any mutagenic effects.
 Teratogenicity : Did not show teratogenic effects in animal experiments.
 Reproductive toxicity : Study scientifically not justified.

Genotoxicity in vitro

Result : negative (In vitro gene mutation study in bacteria; Salmonella typhimurium; with and without metabolic activation) (OECD Test Guideline 471)

Teratogenicity

LOAEC : 19,3 mg/m³
 Maternal
 NOAEC : 19,3 mg/m³
 Embryo-Fetal
 (Rabbit)(inhalation (dust/mist/fume); 0, 5, 20 mg/m³)(OECD Test Guideline 414)No effects on embryofoetal and postnatal development
 LOAEC : 19,3 mg/m³
 Maternal
 NOAEC : 19,3 mg/m³
 Embryo-Fetal
 (Mouse)(inhalation (dust/mist/fume))(OECD Test Guideline 414)No effects on embryofoetal and postnatal development

Specific Target Organ Toxicity

Single exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

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Repeated dose toxicity

LOAEC : 0,3 mg/m³

(Rat, female)(Inhalation; Aerosol; 5 days/week) (OECD Test Guideline 412)

Aspiration hazard

Not applicable,

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component:

sulphuric acid

CAS-No. 7664-93-9

Endocrine disrupting properties

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Data for the product

Chronic toxicity

Fish

NOEC : 0,025 mg/l (Salvenius fontinalis (brook trout))

Aquatic invertebrates

: 0,15 mg/l (Crustaceans)

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Component:	sulphuric acid	CAS-No. 7664-93-9
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Acute toxicity

Fish

LC50 : > 16 - < 28 mg/l (Lepomis macrochirus (Bluegill sunfish); 96 h)
(static test)

Toxicity to daphnia and other aquatic invertebrates

EC50 : > 100 mg/l (Daphnia magna (Water flea), Immobilization; 48 h)
(static test; Analytical monitoring: yes; OECD Test Guideline 202)Fresh water
The details of the toxic effect relate to the nominal concentration

algae

NOEC : 100 mg/l (Desmodesmus subspicatus (green algae); 72 h) (static test; OECD Test Guideline 201)Fresh water
EC50 : > 100 mg/l (Desmodesmus subspicatus (green algae); 72 h) (static test; End point: Growth rate; Analytical monitoring: yes; OECD Test Guideline 201)Fresh water
The details of the toxic effect relate to the nominal concentration

Component:	sulphuric acid	CAS-No. 7664-93-9
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Chronic toxicity

Fish

|| NOEC : 0,025 mg/l (Salvenius fontinalis (brook trout))

Aquatic invertebrates

|| 0,15 mg/l (Crustaceans)

12.2. Persistence and degradability

Component:	sulphuric acid	CAS-No. 7664-93-9
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Persistence and degradability

Persistence

Result : decomposition by hydrolysis.

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Biodegradability

Result : The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Component:	sulphuric acid	CAS-No. 7664-93-9
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Bioaccumulation

Result : Bioaccumulation is not expected.

12.4. Mobility in soil

Component:	sulphuric acid	CAS-No. 7664-93-9
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Mobility

Water : Miscible in water
 Air : not volatile
 Soil : Will not adsorb on soil.

12.5. Results of PBT and vPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result :
 Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Component:	sulphuric acid	CAS-No. 7664-93-9
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Results of PBT and vPvB assessment

Result :
 The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

12.6. Endocrine disrupting properties

Data for the product

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or

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Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component:	sulphuric acid	CAS-No. 7664-93-9
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Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Component:	sulphuric acid	CAS-No. 7664-93-9
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Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.
 Avoid subsoil penetration.
 Harmful effects to aquatic organisms due to pH-shift.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

14.1. UN number or ID number

|| 2796

14.2. UN proper shipping name

|| ADR : SULPHURIC ACID
 || RID : SULPHURIC ACID
 || IMDG : SULPHURIC ACID

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14.3. Transport hazard class(es)

ADR-Class (Labels; Classification Code; Hazard Identification Number; Tunnel restriction code)	: 8 8; C1; 80; (E)
RID-Class (Labels; Classification Code; Hazard Identification Number)	: 8 8; C1; 80
IMDG-Class (Labels; EmS)	: 8 8; F-A, S-B

14.4. Packaging group

ADR	: II
RID	: II
IMDG	: II

14.5. Environmental hazards

Environmentally hazardous according to ADR	: no
Environmentally hazardous according to RID	: no
Marine Pollutant according to IMDG-Code	: no

14.6. Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Data for the product

EU. Restricted (Annex I) & Reportable (Annex II) Explosives Precursors, Regulation 2019/1148/EU on Explosives Precursors	: ; Restricted explosives precursors: Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. Please see https://home-affairs.ec.europa.eu/policies/internal-
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security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en

EU. REACH, Annex XVII, : Point Nos.: , 75; Listed
 Marketing and Use
 Restrictions (Regulation
 1907/2006/EC)

Point Nos.: , 3; Listed

EU. Directive : ; The substance/mixture does not fall under this legislation.
 2012/18/EU (SEVESO
 III) on major accident
 hazards involving
 dangerous substances,
 Annex I

Other regulations : SDS updated according to Regulation (EU) 2020/878

Component:	sulphuric acid	CAS-No. 7664-93-9
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EU. Chemicals Subject : ; The substance/mixture does not fall under this legislation.
 to PIC Procedure:
 Regulation 649/2012/EU
 on export and import of
 dangerous chemicals, as
 amended

EU. Regulation : Scheduled substance Combined Nomenclature (CN) code: ,
 273/2004, Drug 2807 00 10
 Precursors, Category 3

EU. Restricted (Annex I) : Upper limit value for licensing: 40 %; ANNEX I: RESTRICTED
 & Reportable (Annex II) EXPLOSIVES PRECURSORS: List of substances which are
 Explosives Precursors, not to be made available to, or introduced, possessed or used
 Regulation by, members of the general public, whether on their own or in
 2019/1148/EU on mixtures or substances that include those substances, unless
 Explosives Precursors the concentration is equal to or lower than the limit values set
 out in column 2, and for which suspicious transactions and
 significant disappearances and thefts are to be reported within
 24 hours.
 Limit value: 15 %; ANNEX I: RESTRICTED EXPLOSIVES
 PRECURSORS: List of substances which are not to be made
 available to, or introduced, possessed or used by, members of
 the general public, whether on their own or in mixtures or
 substances that include those substances, unless the
 concentration is equal to or lower than the limit values set out
 in column 2, and for which suspicious transactions and
 significant disappearances and thefts are to be reported within
 24 hours.

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EU. REACH, Annex XVII, : Point Nos.: , 75; Listed
 Marketing and Use
 Restrictions (Regulation
 1907/2006/EC)

Point Nos.: , 3; Listed

EU. Directive : ; The substance/mixture does not fall under this legislation.
 2012/18/EU (SEVESO
 III) on major accident
 hazards involving
 dangerous substances,
 Annex I

Notification status sulphuric acid:

Regulatory List	Notification	Notification number
EINECS	YES	231-639-5
DSL	YES	
KECI (KR)	YES	97-1-405
ENCS (JP)	YES	(1)-430
KECI (KR)	YES	KE-32570
ISHL (JP)	YES	(1)-430
NZIOC	YES	HSR001572
NZIOC	YES	HSR001573
NZIOC	YES	HSR001588
IECSC	YES	
INSQ	YES	
ONT INV	YES	
TCSI	YES	
PICCS (PH)	YES	
TSCA	YES	
VN INV	YES	
TH INV	YES	55-1-05962
TH INV	YES	2807.00
TH ECINL	YES	63-I-x
AU AIICL	YES	

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H290 May be corrosive to metals.

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H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Full text of the Notes referred to under section 3.

Note B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ...%". In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
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Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ	Mexico. National Inventory of Chemical Substances
ISHL (JP)	Japan. Inventory of Industrial Safety & Health
KECI (KR)	Korea. Existing Chemicals Inventory
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NDSL	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level

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NZIOC	New Zealand. Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
UK REACH Auth. No.:	UK REACH Authorisation Number
UK REACH AuthAppC. No.	UK REACH Authorisation Application Consultation Number
UK REACH-Reg.No	UK REACH Registration Number
STOT	specific target organ toxicity
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	<p>The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.</p> <p>The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with</p>

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any other material or in any process, unless specified in the text.

|| Indicates updated section.