



SAFETY DATA SHEET

SULPHURIC ACID

CAS No: 7664-93-9

SECTION 1: Chemical Product and Company Identification

Product name	:	Sulphuric Acid
CAS-No.	:	7664-93-9
Identified uses	:	Laboratory Chemicals, Industrial & for professional use only
Company	:	Sisco Chem Private Limited
Address	:	Unit No. 102, Sethia Industrial Park, Vasai Phata, Vasai (E), Dist Palghar-401208, Maharashtra, India
Email	:	info@siscochem.com
Emergency Phone#	:	+917021164736 (9:00am-6:30pm) [Office hours]

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Corrosive to metals (Category 1), H290

Skin corrosion (Category 1A), H314

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

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard statement(s)

H290

H314

May be corrosive to metals

Causes severe skin burns and eye damage

Precautionary statement(s)

P280

Wear protective gloves/protective clothing/eye and face protection

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately seek medical help

Supplemental Hazard statement

None



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SECTION 3: Composition / Information on Ingredients

Substance

Chemical Name	CAS No	EC Number	Concentration	Classification acc to EC No. 1272/2008
Sulphuric Acid	7664-93-9	231-639-5	<=100%	Met. Corr 1; Skin Corr 1A H290, H314
Mol Formula	Mol Wt			
H2SO4	98.08g/mol			

For the full text of H statements mentioned in this section, see section 16

SECTION 4: First Aid Measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION 5: Firefighting Measures

Extinguishing media: Use water spray, Alcohol-resistant foam, dry chemical or carbon dioxide to extinguish surrounding fire.

Special hazards arising from the substance or mixture: Sulphur oxides

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: No data available

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Clean contaminated surfaces with an excess of water.



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SECTION 7: Handling and Storage

Precautions for safe handling

Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non-combustible, corrosive hazardous materials

SECTION 8: Exposure Controls / Personal Protection

Control parameters

No additional information available

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before break and at the end of work day.

Personal protective equipment

Eye / face protection	:	Wear protective gloves, wear tight fitting chemical goggles and face shield
Body protection	:	Wear suitable protective clothing
Respiratory protection	:	Wear respiratory protection in case of inadequate ventilation
Control of environmental Exposure	:	Do not let product enter drains

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance	:	Liquid Clear & colourless
b) Odour	:	no data available
c) pH	:	1.2 at 5 g/l
d) Melting Point / Range	:	no data available
e) Initial boiling point and range	:	290°C
f) Vapor pressure	:	no data available
g) Relative vapor density	:	3.4 at 20°C
h) Relative density	:	1.84 g/cm ³
i) Water solubility	:	Miscible in water
j) Partition coefficient: n-octanol/water	:	no data available



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SECTION 10: Stability and reactivity

Reactivity	:	Thermal decomposition generates corrosive vapours
Chemical stability	:	Stable under recommended storage conditions
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	Direct sunlight, overheating, open flames, heat, sparks
Incompatible materials	:	No data available
Hazardous decomposition products	:	Thermal decomposition generates corrosive vapours

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion / irritation	:	Causes severe skin burns and eye damage
Serious eye damage / eye irritation	:	Causes serious eye damage, Category 1
Respiratory or skin sensitization	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity	:	No data available
Reproductive toxicity	:	No data available
Specific target organ toxicity	:	No data available
-single exposure	:	No data available
Specific target organ toxicity	:	No data available
-repeated exposure	:	No data available
Aspiration hazard	:	No data available
Additional Information	:	RTECS: WS5600000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological Information

Toxicity	:	No data available
Persistence and degradability	:	No data available
Bio accumulative potential	:	No data available
Mobility in soil	:	No data available
Results of PBT and vPvB assessment	:	No data available
Other adverse effects	:	No data available

SECTION 13: Disposal Considerations

Product	:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	:	Dispose of as unused product.



SISCO CHEM

Laboratory Chemicals & Reagents

CIN No: U24110MH1998PTC114594

ISO 9001-:2015 Certified company



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SECTION 14: Transport Information

	ADR/RID	IMDG	IATA
UN number	1830	1830	1830
UN proper shipping name	SULPHURIC ACID	SULPHURIC ACID	Sulphuric Acid
Transport hazard class(es)	8	8	8
Packaging group	II	II	II
Environmental hazards	No	Marine pollutant: No	No

SECTION 15: Regulatory Information

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

This safety data sheet complies with the requirements of Regulation (EC) No.1907/2006.

Chemical safety assessment

A chemical safety assessment has been carried out for this product

SECTION 16: Other Information

Full text of H statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sisco Chem Private Limited and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.siscochem.com for additional terms and conditions of sale.