



Promising Chemicals Co. , Ltd

Room 1310, Dongyi International Building, 488 North Shaoshan Road,
Changsha, Huan, China 410007 Sales@promisingchem.com

MSDS OF ZINC SULPHATE MONOHYDRATE

SECTION 1: PRODUCT AND PRODUCER/SUPPLIER DETAILS

PRODUCT NAME: Zinc Sulfate Monohydrate

SYNONYMS, TRADE NAMES: Zinc Sulfate

SUPPLIER: PROMISING CHEMICALS CO., LTD

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SECTION 2: HAZARDS IDENTIFICATION

Harmful if swallowed. Risk of serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION:

Hazard Class and Category Code (s) : Acute Tox. 4 *, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1

Hazard Statement Code (s): H302, H318, H400, H410

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ZINC SULPHATE	231-793-3	7733-02-0	50-100%	Xi;R36/38 N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

SECTION 4: FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

SECTION 5 FIRE-FIGHTING MEASURES





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EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIFIC HAZARDS

Oxides of: Sulphur.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 7 ACCIDENTAL RELEASE MEASURES

--ACUTE TOX. 4*



HAZARD STATEMENT: ORAL: H302: HARMFUL IF SWALLOWED

PRECAUTIONARY STATEMENT PREVENTION (ORAL): P264, P270

PRECAUTIONARY STATEMENT RESPONSE (ORAL): P301 + P312 P330

PRECAUTIONARY STATEMENT DISPOSAL (ORAL): P501

--EYE DAM. 1



HAZARD STATEMENT: H318: CAUSES SERIOUS EYE DAMAGE

PRECAUTIONARY STATEMENT PREVENTION : P280

PRECAUTIONARY STATEMENT RESPONSE : P305 + P351 + P338, P310

PRECAUTIONARY STATEMENT DISPOSAL

--AQUATIC ENVIROMENT



HAZARD STATEMENT: H400: VERY TOXIC TO AQUATIC LIFE

PRECAUTIONARY STATEMENT PREVENTION : P273

PRECAUTIONARY STATEMENT RESPONSE : P391

PRECAUTIONARY STATEMENT DISPOSAL: P501

--CHRONIC





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HAZARD STATEMENT: H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PRECAUTIONARY STATEMENT PREVENTION : P273

PRECAUTIONARY STATEMENT RESPONSE : P391

PRECAUTIONARY STATEMENT DISPOSAL: P501

SECTION 8 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

STORAGE PRECAUTIONS

Keep containers tightly closed. Keep in original container.

STORAGE CLASS

Chemical storage.

SECTION 9 EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Rubber gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

SECTION 10 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Solid Powder, dust

COLOUR White

SOLUBILITY Soluble in water

pH-VALUE, DILUTED SOLUTION 5 - 6.5

SECTION 11 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.





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CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon

SECTION 12 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Risk of serious damage to eyes.

SECTION 13 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

The product is soluble in water.

DEGRADABILITY

The product is not readily biodegradable.

SECTION 14 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

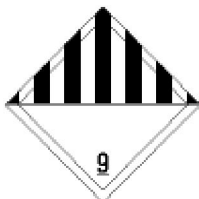
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

Do not puncture or incinerate even when empty.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

SECTION 15 TRANSPORT INFORMATION



PROPER SHIPPING: NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC



ISO 9001
BUREAU VERITAS
Certification





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SULPHATE)

ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous
dangerous substances and articles.			
ADR PACK	GROUP III	HAZARD No. (ADR)	90
ADR LABEL NO.	9	HAZCHEM CODE	2Z
IMDG CLASS	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	3077

SECTION 16 REGULATORY INFORMATION

LABELLING

Pictogram, Signal Word Code(s): GHS05, GHS07, GHS09, Dgr

Hazard Statement Code(s): H302, H318, H410

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

SECTION 17 OTHER INFORMATION

REVISION DATE: 10, MARCH, 2011

SIGNATURE: LIU YI

