

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: CS-409 (UK)
PRODUCT CODE: 6226
NAME OF THE MANUFACTURER: Rochester Midland Corporation Ltd.
Unit 24, Nine Mile Point Industrial Estate
Cwmfelinfach, Crosskeys, Gwent
Wales, UK NP11 7HZ
Tel No. +44 1495 200005
Fax No. +44 1495 201416
proberts@rmcorp.co.uk
EMERGENCY PHONE: +44 1495 200005 (24 hours per day)
APPLICATION:
According to Regulation (EC) 1907/2006

2. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

- Causes severe burns Harmful if swallowed Risk of serious damage to eyes Very toxic to aquatic organisms Toxic to aquatic organisms Harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	EINECS Number	EEC Classification and Risk Phrases
Sulfuric acid 7664-93-9	35	231-639-5	C;R35
Zinc Sulphate Heptahydrate 7446-20-0	0-1	-	Xn;R22 R41 N;R50-53

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink one or two glasses of water. Get medical attention.
Never give anything by mouth to an unconscious person.
SKIN: Remove contaminated clothing and laundry before reuse. Rinse thoroughly with water. Get medical attention.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: Remove contact lenses. In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN: None.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: As for surrounding fire.
SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

5. FIRE FIGHTING MEASURES**FIRE FIGHTING PROCEDURES:**

Wear self-contained breathing equipment and rubber protective clothing. Cool exposed containers with water spray. Contain runoff for proper disposal.

6. ACCIDENTAL RELEASE MEASURES**SPILL PROCEDURES:****SMALL SPILLS:****LARGE SPILLS:**

This product is toxic to fish and other aquatic organisms. Pick up with absorbant material.

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Advise authorities. Prevent liquid from entering sewers, watercourses, or low area. Contain spilled liquid with sand or earth.

PERSONAL PRECAUTIONS:

Not applicable

ENVIRONMENTAL PRECAUTIONS:

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Avoid contact with skin and eyes. Keep container closed when not in use. Store in a well ventilated area. Store in a cool, dry area.

Avoid direct sunlight.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

PROTECTIVE GLOVES:

PVC.

EYE PROTECTION:

Goggles. Face shield.

**OTHER PERSONAL PROTECTION
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

VENTILATION:

Use only in well ventilated area.

HYGIENIC WORK PRACTICES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE AND ODOR:**

Water white liquid. Clear.

BOILING POINT (F):

NE (C) Not determined

VAPOR PRESSURE:

NE

SOLUBILITY IN WATER:

Miscible with water.

SPECIFIC GRAVITY:

1.187 - 1.207

VOC Content (%):

NE

VOV Content (%):

Not established

EVAPORATION RATE:

NE

PH:

0.06 - 0.08

(F):

NE (C): Not Applicable

METHOD:

Not applicable

FLAMMABLE LIMITS IN AIR

9. PHYSICAL AND CHEMICAL PROPERTIES

LOWER (%): Not applicable
 UPPER (%): None

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: When heated to decomposition: Carbon Dioxide. Carbon Monoxide.
 INCOMPATIBILITY (MATERIALS TO AVOID): None known.
 CONDITIONS/HAZARDS TO AVOID: Alkalines

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
 EFFECTS OF CHRONIC EXPOSURE: Not established.
 OTHER TOXIC EFFECTS: Not established.

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes burns of the mouth, throat and stomach.
 SKIN CONTACT: Causes severe burns.
 INHALATION: May irritate the lungs.
 EYE CONTACT: Causes eye burns. May cause permanent eye damage.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 CHEMICAL FATE INFORMATION: No data at this time.
 MOBILITY: Not applicable.
 PERSISTENCE/DEGRADABILITY: Not applicable
 BIOACCUMULATIVE POTENTIAL: Not applicable
 OTHER ADVERSE EFFECTS: Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

UN NO. ROAD: 2796
 ADR CLASS No.: Class 8: Corrosive substances.
 ADR CLASS: 8
 ADR PACK GR.: II
 HAZARD No. (ADR): 80
 ADR LABEL No.: 8
 HAZCHEM CODE: 2R
 CEFIC TEC(R) No.: 80GC1-II+III

14. TRANSPORT INFORMATION

Proper Shipping Name: SULFURIC ACID

RID CLASS No.: 8
RID PACK GR.: II

IMDG UN No.: 2796
IMDG CLASS 8
IMDG PACK GR.: II
EmS No.: F-A, S-B
MFAG TABLE No.: See Guide
Marine Pollutant: Not a Marine Pollutant

ICAO/IATA UN No.: 2796
ICAO/IATA CLASS 8
ICAO/IATA PACK GR.: II

15. REGULATORY INFORMATION**LABEL FOR SUPPLY****R -PHRASE(S)**

R35 - Causes severe burns R22 - Harmful if swallowed R41 - Risk of serious damage to eyes R50 - Very toxic to aquatic organisms
R51 - Toxic to aquatic organisms R52 - Harmful to aquatic organisms R53 - May cause long-term adverse effects in the aquatic environment
R36/38 - Irritating to eyes and skin R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27 Immediately take off all contaminated clothing.
S45 In case of accident or if you feel unwell, seek medical advice immediately.
S60 This material and/or its container must be disposed of as hazardous waste.

S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.
GUIDANCE NOTES: Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

Text of R phrases mentioned in Section 3

R35 - Causes severe burns

R22 - Harmful if swallowed

R41 - Risk of serious damage to eyes

R50 - Very toxic to aquatic organisms

R51 - Toxic to aquatic organisms

R52 - Harmful to aquatic organisms

R53 - May cause long-term adverse effects in the aquatic environment

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PREPARED BY: EH&S DEPARTMENT

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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