

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **CLT-14 (UK)**
PRODUCT CODE: 6214
NAME OF THE MANUFACTURER: Rochester Midland Corporation Ltd.
Unit 24, Nine Mile Point Industrial Estate
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APPLICATION:
According to Regulation (EC) 1907/2006

2. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

- Contact with combustible material may cause fire Toxic if swallowed Very toxic to aquatic organisms Causes burns

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
SODIUM NITRITE 7632-00-0	5 - 10	231-555-9	O;R8 T;R25 N;R50
DISODIUM METASILICATE 6834-92-0	5 - 10	229-912-9	C;R34 Xi;R37

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: Flush skin with large amounts of water. If irritation persists, get medical attention. Remove contaminated clothing and laundry before reuse.
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, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
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. Combustible.

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

Flush with water. Rinse down drain.

LARGE SPILLS:

Absorb onto sand, earth, or inert material.

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:**

Keep container closed. Store in a well ventilated area. Store in a cool, dry area.

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:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Face shield.

**OTHER PERSONAL PROTECTION
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact. Wear eye protection and protective clothing.

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:**

Clear liquid. Light amber liquid.

BOILING POINT (F):

Not determined **(C)** Not determined

VAPOR PRESSURE:

NE

SOLUBILITY IN WATER:

Miscible with water.

SPECIFIC GRAVITY:

1.12 - 1.14

VOC Content (%):

NE

VOV Content (%):

Not established

EVAPORATION RATE:

NE

PH:

11.81 - 12.81

(F):

NE **(C):** Not Applicable

METHOD:

Not applicable

FLAMMABLE LIMITS IN AIR**LOWER (%):**

Not applicable

UPPER (%):

None

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: None known.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: Acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.
SUBSTANCE: SODIUM NITRITE
TOXIC DOSE - LD50: 85 mg/kg (oral rat)

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Toxic by oral exposure.
SKIN CONTACT: Causes mild skin irritation.
INHALATION: None in normal use.
EYE CONTACT: Causes mild eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
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**TOXIC**

UN NO. ROAD: 3287
ADR CLASS No.: Division 6.1: Toxic substances.
ADR CLASS: 6.1
ADR PACK GR.: III
HAZARD No. (ADR): 60
ADR LABEL No.: 6.1
HAZCHEM CODE: 2X
CEFIC TEC(R) No.: 61GT4-III

14. TRANSPORT INFORMATION

RID CLASS No.:	6.1
RID PACK GR.:	III
IMDG UN No.:	3287
IMDG CLASS	6.1
IMDG PACK GR.:	III
EmS No.:	F-A, S-A
Marine Pollutant:	Not a Marine Pollutant Yes.
ICAO/IATA UN No.:	3287
ICAO/IATA CLASS	6.1
ICAO/IATA PACK GR.:	III

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

R 8 - Contact with combustible material may cause fire R25 - Toxic if swallowed R34 - Causes burns R37 - Irritating to respiratory system R50 - Very toxic to aquatic organisms

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.

STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations.

GUIDANCE NOTES:

Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

REVISION DATE:

08/25/2010

REVISION NUMBER:

8

SUPERCEDES: REV. 1 DATE:

08/21/2008

Revision Comments

Re-issued due to change in Company address.

PREPARED BY:

EH&S DEPARTMENT

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***** END OF SDS *****

