

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** PT-117 (UK)  
**PRODUCT CODE:** 6271  
**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 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
DISODIUM METASILICATE 6834-92-0	<20	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:** Remove contaminated clothing and launder before reuse. Rinse thoroughly with water. Get medical attention if irritation persists.  
**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.  
**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing equipment and rubber protective clothing.

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

Flush with water. Rinse down drain.

**LARGE SPILLS:**

Absorb onto sand, earth, or inert material. Flush remainder with water.

**PERSONAL PRECAUTIONS:**

Not applicable

**ENVIRONMENTAL PRECAUTIONS:**

Not applicable

**METHODS FOR CLEANING UP:**

Not applicable

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

Avoid contact with skin and eyes. Store in a cool, dry area.

**IN HANDLING AND STORAGE:**

Store in a well ventilated area. Store only in original container and keep closed.

**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**

Appropriate protective clothing as needed to prevent skin contact.

**EQUIPMENT:****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, colorless liquid.

**BOILING POINT (F):**

NE (C) Not determined

**VAPOR PRESSURE:**

NE

**SOLUBILITY IN WATER:**

Miscible with water.

**SPECIFIC GRAVITY:**

1.11

**VOC Content (%):**

NE

**VOV Content (%):**

Not established

**EVAPORATION RATE:**

NE

**PH:**

12.5

**(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:**

When heated to decomposition: Carbon Dioxide. Carbon Monoxide.

**10. STABILITY AND REACTIVITY**

**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.

**EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:** Causes burns of the mouth, throat and stomach.  
**SKIN CONTACT:** Causes burns.  
**INHALATION:** May cause mild respiratory irritation.  
**EYE CONTACT:** Causes eye burns. May cause permanent eye damage.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** Not regarded as dangerous for the 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:** 3253  
**ADR CLASS No.:** Class 8: Corrosive substances.  
**ADR CLASS:** 8  
**ADR PACK GR.:** III  
**HAZARD No. (ADR):** 80  
**ADR LABEL No.:** 8  
**HAZCHEM CODE:** 2X  
**CEFIC TEC(R) No.:** 80GC6-II+III  
**Proper Shipping Name:** DISODIUM TRIOXOSILICATE, SOLUTION

**RID CLASS No.:** 8  
**RID PACK GR.:** III

**14. TRANSPORT INFORMATION**

IMDG UN No.: 3253  
IMDG CLASS 8  
IMDG PACK GR.: III  
EmS No.: F-A, S-B  
MFAG TABLE No.: See Guide

ICAO/IATA UN No.: 3253  
ICAO/IATA CLASS 8  
ICAO/IATA PACK GR.: III

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

R34 - Causes burns R37 - Irritating to respiratory system

**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.

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**

R34 - Causes burns

R37 - Irritating to respiratory system

**REVISION DATE:** 08/25/2010  
**REVISION NUMBER:** 4  
**SUPERCEDES: REV. 1 DATE:** 12/09/2004  
**Revision Comments** Re-issued due to change in Company address.

**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.

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