

# SAFETY DATA SHEET



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

**PRODUCT NAME:** OS-153 (UK)  
**PRODUCT CODE:** 6263  
**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  
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**EMERGENCY PHONE:** +44 1495 200005 (24 hours per day)  
**APPLICATION:**  
According to Regulation (EC) 1907/2006

## 2. HAZARDS IDENTIFICATION

### MOST IMPORTANT HAZARDS

Limited evidence of a carcinogenic effect. Carcinogen Category 3.

- Harmful if swallowed Limited evidence of a carcinogenic effect Risk of serious damage to eyes May cause sensitization by skin contact Very toxic to aquatic organisms Possible risks of irreversible effects

**EFFECTS/CARCINOGENICITY:** Carcinogen Category 3 Mutagen Category 3  
**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.  
**CARCINOGENIC INGREDIENTS:** Hydroquinone

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION<br>CAS#       | %      | EINECS Number | EEC Classification and Risk Phrases                                  |
|-----------------------------------|--------|---------------|----------------------------------------------------------------------|
| Hydroquinone<br>123-31-9          | < 1.0  | 204-617-8     | Carc.Cat.3;R40<br>Muta.Cat.3;R68<br>Xn;R22<br>Xi;R41<br>R43<br>N;R50 |
| Diethylhydroxylamine<br>3710-84-7 | 1 - 20 | -             |                                                                      |

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

## 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Get immediate medical attention.  
**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, 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.                        |
| 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 IN HANDLING AND STORAGE: | Avoid contact with skin and eyes. Avoid direct sunlight. Store in a well ventilated area. Store in a cool, dry area.<br>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 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: | Clear liquid. Mild odor. Amber liquid. Yellow. |
| BOILING POINT (F):   | NE (C) Not determined                          |
| VAPOR PRESSURE:      | NE                                             |
| SOLUBILITY IN WATER: | Miscible with water.                           |
| SPECIFIC GRAVITY:    | 0.987 - 1.005                                  |
| VOC Content (%):     | NE                                             |
| VOV Content (%):     | Not established                                |
| EVAPORATION RATE:    | NE                                             |
| PH:                  | 8.2 - 10.2                                     |
| (F):                 | NE (C): Not Applicable                         |
| METHOD:              | Not applicable                                 |

**9. PHYSICAL AND CHEMICAL PROPERTIES****FLAMMABLE LIMITS IN AIR**

|                   |                |
|-------------------|----------------|
| <b>LOWER (%):</b> | Not applicable |
| <b>UPPER (%):</b> | None           |

**10. STABILITY AND REACTIVITY**

|                                              |                   |
|----------------------------------------------|-------------------|
| <b>STABILITY DATA:</b>                       | STABLE            |
| <b>POLYMERIZATION:</b>                       | Will Not Occur.   |
| <b>HAZARDOUS DECOMPOSITION:</b>              | None known.       |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> | None known.       |
| <b>CONDITIONS/HAZARDS TO AVOID:</b>          | Strong oxidizers. |

**11. TOXICOLOGICAL INFORMATION**

|                                     |                  |
|-------------------------------------|------------------|
| <b>ACUTE TOXICITY:</b>              | Not Established  |
| <b>EFFECTS OF CHRONIC EXPOSURE:</b> | Not established. |
| <b>OTHER TOXIC EFFECTS:</b>         | Not established. |

**EFFECTS FROM ACUTE EXPOSURE:**

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| <b>INGESTION:</b> | No adverse health effects are expected from swallowing. |
|-------------------|---------------------------------------------------------|

|                      |                                 |
|----------------------|---------------------------------|
| <b>SKIN CONTACT:</b> | May cause mild skin irritation. |
| <b>INHALATION:</b>   | None in normal use.             |
| <b>EYE CONTACT:</b>  | May cause mild eye irritation.  |

**12. ECOLOGICAL INFORMATION**

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>ECOTOXICOLOGICAL INFORMATION:</b> | No data at this time  |
| <b>CHEMICAL FATE INFORMATION:</b>    | No data at this time. |
| <b>MOBILITY:</b>                     | Not applicable.       |
| <b>PERSISTENCE/DEGRADABILITY:</b>    | Not applicable        |
| <b>BIOACCUMULATIVE POTENTIAL:</b>    | Not applicable        |
| <b>OTHER ADVERSE EFFECTS:</b>        | Not applicable        |

**13. DISPOSAL CONSIDERATIONS**

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| <b>WASTE DISPOSAL METHODS:</b> | Dispose in accordance with Federal, State and Local regulations. |
|--------------------------------|------------------------------------------------------------------|

**14. TRANSPORT INFORMATION**

|                       |                                    |
|-----------------------|------------------------------------|
| <b>ROAD TRANSPORT</b> | Not Regulated                      |
| <b>ADR CLASS No.:</b> | Not classified for transportation. |
| <b>ADR CLASS</b>      | Not classified.                    |

|                      |               |
|----------------------|---------------|
| <b>RID TRANSPORT</b> | Not Regulated |
|----------------------|---------------|

|                       |               |
|-----------------------|---------------|
| <b>IMDG TRANSPORT</b> | Not Regulated |
|-----------------------|---------------|

|                            |               |
|----------------------------|---------------|
| <b>ICAO/IATA TRANSPORT</b> | Not Regulated |
|----------------------------|---------------|

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

R22 - Harmful if swallowed R40 - Limited evidence of a carcinogenic effect R41 - Risk of serious damage to eyes R43 - May cause sensitization by skin contact R50 - Very toxic to aquatic organisms R68 - Possible risk of irreversible effects  
R68/22 - Harmful: possible risk of irreversible effects if swallowed

**SAFETY PHRASES:**

S60 This material and/or its container must be disposed of as hazardous waste.

S36/37 Wear suitable protective clothing and gloves.

**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**

R22 - Harmful if swallowed  
R40 - Limited evidence of a carcinogenic effect  
R41 - Risk of serious damage to eyes  
R43 - May cause sensitization by skin contact  
R50 - Very toxic to aquatic organisms  
R68 - Possible risk of irreversible effects

R68/22 - Harmful: possible risk of irreversible effects if swallowed

**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 \*\*\***