

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: RLT-269 (UK)
PRODUCT CODE: 6298
NAME OF THE MANUFACTURER: Rochester Midland Corporation Ltd.
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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

- Causes burns
Harmful by inhalation, in contact with skin and if swallowed

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP. If mixed with nitrites or other nitrosating agents, may form nitrosamines, which may cause cancer. (None expected in normal use of this product).
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
Diethylaminoethanol (DEAE) 100-37-8	60-70	202-845-2	R10 Xn;R20/21/22 C;R34

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

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
SKIN: Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES: 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: Water fog, carbon dioxide, foam, dry chemical.
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:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Flush with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Keep out of drains, sewers, streams, or other bodies of 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:

WARNING Store in a cool, dry area.

Store in a well ventilated area. Do not store near heat, sparks or flame.

Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Keep container closed when not in use. Open container cautiously. Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing. DO NOT pressurize, weld, or heat containers.

OTHER PRECAUTIONS:

Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Do not reuse container. Read and follow label instructions.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

NIOSH-approved respirator suitable for ammonia vapors: full face piece air-supplied respirator with ammonia canisters.

PROTECTIVE GLOVES:

Chemical resistant gloves. Neoprene. Butyl rubber. Nitrile gloves.

EYE PROTECTION:

Goggles. Face shield.

OTHER PERSONAL PROTECTION

Chemical resistant materials are required to prevent prolonged or repeated skin contact.

EQUIPMENT:

VENTILATION:

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Light yellow liquid. Amine odor.

BOILING POINT (F):

212 F min. (C) Not determined

VAPOR PRESSURE:

< (1.4 mm Hg @ 20 C)

VAPOR DENSITY (AIR=1):

NE

SOLUBILITY IN WATER:

NOT APPLICABLE

SPECIFIC GRAVITY:

0.9135

VOC Content (%):

NE

VOV Content (%):

Not established

EVAPORATION RATE:

< (BuAc = 1) : 1.26

PH:

10.89

(F):

None (C): Not Applicable

METHOD:

TCC

9. PHYSICAL AND CHEMICAL PROPERTIES

FLAMMABLE LIMITS IN AIR

LOWER (%): 6.7% (Diethylaminoethanol)
 UPPER (%): 11.7% (Diethylaminoethanol)

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: When heated to high temperatures, the following may be produced: Oxides of Carbon. Oxides of Nitrogen. Oxides of mercury Toxic carbon-nitrogen compounds. Ammonia vapors.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with: Acids. Hypochlorites (bleach.) Strong alkalies. Strong oxidents, such as nitric acid, or hypochlorites. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.
CONDITIONS/HAZARDS TO AVOID: Keep away from heat, sparks and flame.

11. TOXICOLOGICAL INFORMATION

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

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes vomiting, nausea, and diarrhea. Abdominal pain. May cause burns to mucous membranes of mouth, throat, and digestive tract. May be harmful if swallowed. May be fatal if swallowed. May cause severe irritation.
SKIN CONTACT: Burning sensation may result May cause dryness and irritation.
INHALATION: Harmful if inhaled.
EYE CONTACT: May cause permanent eye damage. May cause corneal injury. May cause blindness. Causes blurred vision. Causes redness and tearing.
CHRONIC EFFECTS: Dermatitis. Respiratory 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

ROAD TRANSPORT Not Regulated
RID TRANSPORT Not Regulated
IMDG TRANSPORT Not Regulated
ICAO/IATA TRANSPORT Not Regulated

15. REGULATORY INFORMATION

LABEL FOR SUPPLY



R - PHRASE(S)

R34 - Causes burns

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

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

R34 - Causes burns

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed

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SUPERCEDES: REV. 1 DATE: 08/21/2008
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PREPARED BY: EH&S DEPARTMENT

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