

SAFETY DATA SHEET

BactiDrop™ Ehrlich's Indole

Date of issue - 19/08/2009.

R21520

Section 1. Chemical Product and Company Identification

Product No. R21520
Trade name BactiDrop™ Ehrlich's Indole
Manufacturer Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388
Supplier Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Irritating to eyes, respiratory system and skin.
Highly flammable.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Ethanol	64-17-5 200-578-6	80.00% v/v	F - Highly flammable.	R11- Highly flammable.
Hydrochloric Acid	7647-01-0 231-595-7	17.00% v/v	C - Corrosive.	R34- Causes burns. R37- Irritating to respiratory system.

Section 4. First Aid Measures

First Aid - Eyes Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

First Aid - Skin Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap. Obtain medical attention if soreness or redness persists.

First Aid - Ingestion Do not induce vomiting. Have conscious person drink several glasses of water or milk. Seek medical attention.

First Aid - Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

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Section 6. Accidental Release Measures

Personal Precautions

Wear suitable protective clothing, gloves and eye/face protection. Safety glasses or chemical goggles to EN166, 167 and 168. Nitrile gloves.

Spill

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling

Avoid contact with eyes, skin and clothing.

Storage

Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe

Ethanol

UK EH40: WEL 1000 ppm (1920 mg/m³) 8-hour TWA.

Hydrogen Chloride (HCl)

UK EH40: WEL 1 ppm (2 mg/m³) 8-hour TWA.

UK EH40: WEL 5 ppm (8 mg/m³) 15-minute STEL

Occupational Exposure Limits (Preparation) - United States

Ethanol

ACGIH 1000ppm TWA

OSHA 1000 ppm TWA; 1900 mg/m³ TWA

Hydrochloric Acid.....%

ACGIH CEIL 5 ppm (7 mg/m³)

OSHA CEIL 5 ppm (7 mg/m³)

Engineering measures

Handle the material in a fume hood/cupboard or under local exhaust ventilation.

Protective Measures - Respiratory

If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used. Approved/certified respirator with acid gas cartridges.

Protective Measures - Hands

Nitrile gloves.

Protective Measures - Eyes

Safety glasses or chemical goggles to EN166, 167 and 168.

Protective Measures - Body

Lab coat.

Section 9. Physical and Chemical Properties

Physical state

Liquid.

Colour

Colourless to light yellow.

Odour

Disagreeable and choking.

Flash Point (Pensky-Martens.) °C

Closed cup: Between 61°C (142°F) and 93.3°C (200°F).

Section 10. Stability and Reactivity

Stability

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products

Hydrogen Chloride (HCl) carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Eye irritation

Irritating to eyes.

Skin irritation

Irritating to skin.

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Section 12. Ecological Information

Ecotoxicity No relevant studies identified.

Section 13. Disposal Considerations

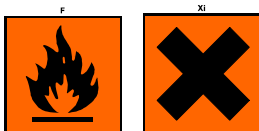
Disposal considerations Hazardous waste. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

UN : **UN number** 2924
UN : **Proper shipping name** Flammable Liquid, Corrosive n.o.s. (Ethanol, Hydrochloric Acid)
UN : **Class** 3
UN : **Packing group** II

Section 15. Regulatory Information

Label Requirements Highly flammable, Irritant



Risk Phrases

Safety Phrases

TSCA

DSL (Canada)

EC Classification

WHMIS (Classification)

R11- Highly flammable.
R36/37/38- Irritating to eyes, respiratory system and skin.
S16- Keep away from sources of ignition - No smoking. 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 (show the label where possible).
Listed on inventory.
CEPA DSL: Listed on inventory.
Flammable. Xi - Irritant.
WHMIS Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). WHMIS Class E: Corrosive liquid.

Section 16. Other Information

MSDS first issued 10/04/2006
MSDS data revised 19/08/2009
Revisions Highlighted Date of issue
Notes Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.