



SAFETY DATA SHEET

BactiDrop™ Nitrate B Reagent

Date of issue - 28/02/2007.

R21538

Section 1. Chemical Product and Company Identification

Product No. R21538
Trade name BactiDrop™ Nitrate B Reagent
Manufacturer REMEL Inc.
12076 Santa Fe Drive
P.O. Box 14428
Lenexa
Kansas KS 66215
U.S.A.
Tel: (+1) 913 888 0939
Fax: (+1) 913 895 4128
Emergency: Chemtrec USA 800-424-9300
Supplier OXOID LIMITED
Wade Road
Basingstoke
Hants
RG24 8PW
Tel: + 44 1256 841144

Section 2. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Acetic Acid (Glacial)	64-19-7 200-580-7	30.0 % v/v	C - Corrosive.	R10- Flammable. R35- Causes severe burns.

Section 3. Hazards Identification

Most Important Hazards Causes burns.

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.



SAFETY DATA SHEET

BactiDrop™ Nitrate B Reagent

Date of issue - 28/02/2007.

R21538

Section 6. Accidental Release Measures

Personal Precautions	Wear suitable gloves and eye/face protection. 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 as directed on container.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe

Acetic Acid (Glacial)	UK EH40: OES 10 ppm (25 mg/m ³) 8hr TWA. UK EH40: OES 15 ppm (37 mg/m ³) 15min STEL.
-----------------------	---

Occupational Exposure Limits (Preparation) - United States

Acetic Acid (Glacial)	ACGIH TLV: 25 mg/m ³ OSHA PEL: 25 mg/m ³ 8hr TWA. OSHA PEL: 37 mg/m ³ 15min STEL.
-----------------------	--

Engineering measures	Good general ventilation should be sufficient to control airborne levels.
Protective Measures - Respiratory	A respirator is not needed under normal and intended conditions of product use.
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.
pH	2.3 [Acidic.]

Section 10. Stability and Reactivity

Stability	Stable under recommended storage and handling conditions (see section 7).
Materials to avoid	Do not mix with Strong oxidising materials alkalis

Section 11. Toxicological Information

Acute toxicity	Low order of acute toxicity. Oral LD50 (rat) > 2000 mg/kg. Dermal LD50 (rabbit) > 2000 mg/kg. Inhalation LC50 (rat) > 20 mg/litre/4h.
Eye irritation	Hazardous in case of eye contact (corrosive).
Skin irritation	Hazardous in case of skin contact (corrosive).
Chronic toxicity / Carcinogenic effects	No evidence.



SAFETY DATA SHEET

BactiDrop™ Nitrate B Reagent

Date of issue - 28/02/2007.

R21538

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** 2790
UN : **Proper shipping name** Acetic acid solution, more than 10 per cent but not more than 80 per cent acid, by mass
UN : **Class** 8
UN : **Packing group** III

Section 15. Regulatory Information

Label Requirements Corrosive



Risk Phrases R34- Causes burns.
Safety Phrases S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
TSCA Listed on inventory.
DSL (Canada) CEPA DSL: Listed on inventory.
NDSL (Canada) On the NDSL.: No products were found.
EC Classification C - Corrosive.
Regulatory Lists (United States) SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355): Not listed.
SARA Title III Section 313 (40 CFR Part 372): Not listed.
United States - Classification Corrosive (USA).
WHMIS (Classification) Class E: Corrosive liquid.

Section 16. Other Information

MSDS first issued 28/02/2007

Notes Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.