

**Section 1. Chemical Product and Company Identification**

Product No.	DR0575
Trade name	STREP PLUS
Manufacturer	Oxoid Ltd Wade Road Basingstoke Hants. RG24 9PW Tel. 44 (0) 1256 841144 Fax. 44 (0) 1256 463388

**Section 2. Composition, Information on Ingredients**Preparation - Hazardous ingredients ( Europe )

Component	CAS No. / EINECS Number	Concentration	Classification	Risk Phrases
DR576 Extraction Reagent 1 Sodium Nitrile	7032-09-0 231-555-9	6.70 % w/v	C, T, N	R6, R25, R50
Sodium Azide	26628-22-8 247-352-1	0.095 % w/v	T+, N	R23, R32
DR577 Extraction Reagent 2 Hydrochloric Acid	7647-01-0 231-599-7	1.44 % w/v	C - Corrosive.	R34, R37
DR576 Extraction Reagent 3 Sodium Azide	26628-22-8 247-352-1	0.095 % w/v	T+, N	R23, R32

**Section 3. Hazards Identification**

Most Important Hazards	DR576: Toxic if swallowed.
Human health hazards - Eyes	DR576: May cause conjunctival irritation.
Human health hazards - Ingestion	DR576: Swallowing may have the following effects:- nausea, light headedness, cyanosis. A large dose may have the following effects:- vomiting, loss of consciousness, fall of blood pressure, collapse, methaemoglobinemia.

**Section 4. First Aid Measures**

First Aid - Eyes	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.
First Aid - Ingestion	Wash out mouth with water. Have victim drink 240-300ml of water to dilute stomach contents. Obtain medical attention urgently.
First Aid - Inhalation	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

**Section 5. Fire Fighting Measures**

Extinguishing Media - Suitable	Not combustible. Use extinguishing media suitable for surrounding materials.
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### Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing.
Spill	Wipe up with a damp cloth. Finally flush area with plenty of water.

### Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Specimen materials may contain pathogenic organisms, handle with the appropriate precautions. The extraction procedure may not kill bacteria therefore the extract must be handled with the same precautions.
Storage	Storage temperature should be controlled to between 2 and 8 °C. Under these conditions the reagents will retain their reactivity until the expiry date shown on the kit box.

### Section 8. Exposure Controls, Personal Protection

#### Occupational Exposure Limits ( Preparation ) - Europe

Sodium Azide	As NaN <sub>3</sub> , UK EH40: OES 0.1mg/m <sup>3</sup> 8hr TWA. As NaN <sub>3</sub> , UK EH40: OES <0.1mg/m <sup>3</sup> 15min STEL.
Protective Measures - Hands	Disposable vinyl gloves.
Protective Measures - Eyes	No specific measures necessary.

### Section 9. Physical and Chemical Properties

Physical state	DR576: Liquid.
Colour	DR576: Colourless.

### Section 10. Stability and Reactivity

Stability	Stable under recommended storage and handling conditions (see section 7).
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### Section 11. Toxicological Information

Acute toxicity	DR576: Toxic by ingestion.
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### Section 12. Ecological Information

Ecotoxicity	No relevant studies identified.
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### Section 13. Disposal Considerations

Disposal considerations	DR576: This material will be classified as a 'special waste' under the Special Waste Regulations 1996 and must be disposed of in accordance with those regulations.
Container Information	Sodium azide is toxic and may react with lead or copper plumbing to produce metal azides which are explosive by contact detonation. To prevent azide accumulation in plumbing flush with copious amounts of water immediately after waste disposal. Labels should not be removed from containers until they have been cleaned.

**Section 14. Transport Information**

UN :	UN number	DR576: 3287
UN :	Proper shipping name	Refer to the UN Transport of Dangerous Goods (latest edition) for the specific UN Proper Shipping Name.
UN :	Class	6.1
UN :	Packing group	III

**Section 15. Regulatory Information**

## Label Requirements

## Toxic



## Risk Phrases

DR576: R25- Toxic if swallowed.

## Safety Phrases

DR576: S37- Wear suitable gloves. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## EC Classification

DR576: T - Toxic.

**Section 16. Other Information**

## MSDS first issued

15/11/1995

## MSDS data revised

17/12/2002

## USES

This kit is a streptococcus grouping test using nitrous acid extraction for the rapid identification of  $\beta$ -haemolytic streptococci of Lancefield types A, B, C, F and G.

## Revisions Highlighted

Preparation - Hazardous Components