

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY**

Product Name           RETICULOCYTE STAIN (BRILLIANT CRESYL BLUE)

Product Code           61044X

Supplier                 Clin-Tech Limited  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

| Name                               | EC No.    | CAS-No.    | Content | Classification        |
|------------------------------------|-----------|------------|---------|-----------------------|
| BRILLIANT<br>CRESYL BLUE           | 279-675-0 | 81029-05-2 | 0-1%    | Xi; R36/37/38         |
| TRI-SODIUM<br>CITRATE<br>DIHYDRATE | 200-675-3 | 6132-04-3  | 0-1%    |                       |
| SODIUM<br>CHLORIDE                 | 231-598-3 | 7647-14-5  | 0-1%    |                       |
| SODIUM AZIDE                       | 247-852-1 | 26628-22-8 | 0-0.1%  | T+; R28 R32 N; R50/53 |

The Full Text for all R-Phrases are Displayed in Section 16

**3. HAZARDS IDENTIFICATION****CLASSIFICATION**

This product has no hazard classification

**4. FIRST-AID MEASURES****INHALATION**

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

**INGESTION**

**DO NOT INDUCE VOMITING!** Rinse mouth thoroughly. Get medical attention.

**SKIN CONTACT**

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if discomfort occurs.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Flush area with water.

**7. HANDLING & STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Well-ventilated area.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

**HAND PROTECTION**

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

Wear approved, tight fitting safety glasses where splashing is probable.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

**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 with soap & water if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                  |                   |
|------------------|-------------------|
| APPEARANCE       | Blue Liquid       |
| ODOUR            | None              |
| SOLUBILITY       | Soluble in water. |
| BOILING POINT    | ~ 101°C 760 mmHg  |
| RELATIVE DENSITY | ~ 1.01 @ 20°C     |

**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

May cause irritation to the respiratory system.

**INGESTION**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

**SKIN CONTACT**

May cause sensitisation by skin contact. May cause skin irritation.

**EYE CONTACT**

Prolonged contact may cause transient eye irritation.

**OTHER HEALTH EFFECTS**

Formaldehyde is a Category 3 Carcinogen.

**MEDICAL CONSIDERATIONS**

Skin disorders and allergies.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14. TRANSPORT INFORMATION**

**GENERAL** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15. REGULATORY INFORMATION****RISK PHRASES**

NC Not classified

**SAFETY PHRASES**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36/37 Wear suitable protective clothing and gloves.

**STATUTORY INSTRUMENTS**

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

**GUIDANCE NOTES**

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16. OTHER INFORMATION****GENERAL INFORMATION**

This safety data sheet covers all codes for this product.

**REVISION COMMENTS**

Reformatting

Reassessment of limits.

**REVISION DATE**

11-2008

**REV. NO./REPL. SDS GENERATED**

3 / 09-2006

**RISK PHRASES IN FULL**

|           |  |
|-----------|--|
| R23/24/25 | Toxic by inhalation, in contact with skin and if swallowed |
| R34       | Causes burns   |
| R36/37    | Irritating to eyes and respiratory system                  |
| R40       | Limited evidence of a carcinogenic effect                  |
| R43       | May cause sensitisation by skin contact                    |