

Section 1. Product and Company Identification

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| Product Name | CD31; Clone C31.3 (Concentrate) |
| Product Number | A00126-C |
| Intended Use | Laboratory reagent. |
| Manufacturer | ScyTek Laboratories, Inc. |
| Address | 205 South 600 West Logan, Utah 84321 U.S.A. |
| Phone Number | 800-729-8350 |
| Fax Number | 435-755-0015 |
| Website | scytek.com |

Section 2. Hazards Identification

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| HMIS (U.S.A.) | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | PHYSICAL HAZARD | 0 |
| | PERSONAL PROTECTION | B |
| OSHA | This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). | |
| Warning! | EN: Harmful if swallowed. DE: Gesundheitsschädlich beim Verschlucken. FR: Nocif en cas d'ingestion. IT: Nocivo per ingestione. ES: Nocivo por ingestión. | |
| Classification | Xn; R22 | |

Section 3. Composition and Information on Ingredients

| Name | CAS# | EC# | % |
|----------------------|------------|-----------|-------|
| Water | 7732-18-5 | 231-791-2 | ≥ 95 |
| Bovine Serum Albumin | 9048-46-8 | 9048-46-8 | ≤ 1.0 |
| Sodium Chloride | 7647-14-5 | 7647-14-5 | ≤ 0.9 |
| Potassium Phosphate | 7758-11-4 | 231-834-5 | ≤ 0.2 |
| Sodium Azide | 26628-22-8 | 247-852-1 | <0.1 |

May contain additional non-hazardous proprietary ingredients.

May also contain additional active ingredients at concentrations <0.1%w/v.

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention.

Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.

Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen.

Ingestion: Get immediate medical attention.

Section 5. Fire Fighting Measures

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| Extinguishing Media | Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. |
| Unusual Fire and Explosion Hazards | No unusual fire or explosion hazards expected. |
| General Information | As with any fire, wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) |

Section 6. Accidental Release Measures

Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.
Keep out of drains, sewers and waterways.

Section 7. Handling and Storage

Avoid contact with skin and eyes.
Wash thoroughly after handling.
Store in well ventilated area.
Keep container tightly closed.
Avoid breathing vapor.
Store at 2-8°C.

Section 8. Exposure Controls / Personal Protection

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| Exposure Limits | N/A |
| Personal Protection | Chemical resistant gloves are required. Safety glasses or goggles are required. Avoid breathing vapor. |
| Engineering Controls | Provide mechanical exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective threshold limits. |

Section 9. Physical and Chemical Properties

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| Physical State | Liquid. |
| Color | Yellow to slightly pink. |
| Odor | Odorless. |
| pH | 7.4 ±0.2 |
| Molecular Weight | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Evaporation Rate | N/A |
| Viscosity | N/A |
| Boiling Point | N/A |
| Freezing Point | N/A |
| Melting Point | N/A |
| Solubility | N/A |
| Solubility in Water | Soluble |
| Flash Point | N/A |
| Explosion Limits (%) | N/A |

Section 10. Stability and Reactivity

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| Chemical Stability | Stable under normal temperatures and pressures. |
| Conditions to Avoid | Avoid contact with copper or lead plumbing. Flush plumbing with large amounts of water. Fire, static electricity, direct sunlight. |
| Incompatible Materials | Strong acids, bases and oxidizers. |
| Hazardous Decomposition Materials | May produce toxic fumes of carbon oxides, phosphorus oxides, and nitrogen oxides under fire conditions. |
| Hazardous Polymerization | Not reported. |

Section 11. Toxicological Information

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| Routes of Entry | Dermal contact. Eye contact. Inhalation. Ingestion. |
| Acute Toxicity | Eye Contact: May cause irritation and redness. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal system. Inhalation: May irritate respiratory tract. |
| Chronic toxicity | Eye Contact: Unknown. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Unknown. |
| Toxicity to Animals | Not Available. |
| Special Remarks | This product contains Sodium Azide (<0.1%) as a preservative. While not considered hazardous at this level, use care in handling and disposal. |

Section 12. Ecological Information

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|----------------------------------|---|
| Ecotoxicity | No relevant studies identified. |
| Mobility | No relevant studies identified. |
| Bio-accumulation | No relevant studies identified. |
| Persistence/Degradability | No relevant studies identified. |
| Additional Remarks | This product contains Sodium Azide (<0.1%) as a preservative. While not considered hazardous at this level, use care in handling and disposal. May be harmful to aquatic organisms. |

Section 13. Disposal Considerations

Observe all federal, state and local environmental regulations.

Section 14. Transport Information

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| DOT CRF 172.101 Data | Not a DOT controlled material (United States). |
| UN Shipping Name | N/A |
| UN Number | N/A |
| UN Class | N/A |
| UN Packing Group | N/A |
| Special Provisions | None. |
| Canada TDG | Not regulated. |

Section 15. Regulatory Information

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| Federal and State Regulations | Not regulated. |
| Other Regulations | N/A |
| EU Hazard Symbol and Indication of Danger | Xn; Harmful |
| R phrases | <p>R22 EN: Harmful if swallowed. DE: Gesundheitsschädlich beim Verschlucken. FR: Nocif en cas d'ingestion. IT: Nocivo per ingestione. ES: Nocivo por ingestión.</p> <p>R36/38 EN: Irritating to eyes and skin. DE: Reizt die Augen und die Haut. FR: Irritant pour les yeux et la peau. IT: Irritante per gli occhi e la pelle. ES: Irrita los ojos y la piel.</p> |
| S phrases | <p>S24/25 EN: Avoid contact with skin and eyes. DE: Berührung mit den Augen und der Haut vermeiden. FR: Éviter le contact avec la peau et les yeux. IT: Evitare il contatto con gli occhi e con la pelle. ES: Evítese el contacto con los ojos y la piel.</p> <p>S37/39 EN: Wear suitable gloves and eye/face protection. DE: Bei der Arbeit geeignete Schutzhandschuhe und Schutzbrille/Gesichtsschutz tragen. FR: Porter des gants appropriés et un appareil de protection des yeux/du visage. IT: Usare guanti adatti e proteggersi gli occhi/la faccia. ES: Úsense guantes adecuados y protección para los ojos/la cara.</p> <p>S46 EN: If swallowed, seek medical advice immediately and show this container or label. DE: Bei Verschlucken sofort ärztlichen Rat einholen und Verpackung oder Etikett vorzeigen. FR: En cas d'ingestion, consulter immédiatement un médecin et lui montrer l'emballage ou l'étiquette. IT: In caso d'ingestione consultare immediatamente il medico e mostrargli il contenitore o l'etichetta. ES: En caso de ingestión, acúdase inmediatamente al médico y muéstrele la etiqueta o el envase.</p> |

Section 16. Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.