

MSDS**Material Safety Data Sheet**

1403 Herkimer Street
 Joliet, IL 60432-1059
 (877) EKI-CHEM
 (815) 723-4000
www.eki-chem.com

24 HOUR EMERGENCY
 TELEPHONE NUMBER
 CALL CHEMTREC
 1-800-424-9300

Alcian Blue Stain Solution 1%, pH 2.5

SECTION 1 PRODUCT IDENTIFICATION

NAME: Alcian Blue 1% w/v, pH 2.5
 EKI ORDER NUMBERS: 1195
 SYNONYMS: N/I
 CAS NO: Does not apply
 FORMULA: Does not apply
 REVISION DATE: 14 April 2004

****LABEL HAZARD STATEMENT AND PRECAUTIONS****

CAUTION! MAY CAUSE IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
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Alcian Blue/33864-99-2	N/E	N/E
Acetic Acid/64-19-7	10 ppm TWA	10 ppm TWA 15 ppm STEL

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible	BOILING POINT (C): N/E
VAPOR PRESSURE (mm Hg): N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT (C): N/E
EVAPORATION RATE: N/E	
APPEARANCE AND ODOR: Dark blue solution. Vinegar odor.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not flammable.
 AUTOIGNITION TEMPERATURE (C): Does not apply
 FLAMMABLE LIMITS (%) UEL: Does not apply LEL: Does not apply
 EXTINGUISHING MEDIA: Suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: N/I

MATERIALS TO AVOID: N/I

HAZARDOUS DECOMPOSITION PRODUCTS: N/I

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: Not expected to be a health hazard.

SKIN CONTACT: Not expected to be health hazard.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: N/I

INGESTION: Not expected to be a health hazard under laboratory conditions of use.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I

CARCINOGENICITY: None.

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical attention for persistent irritation.

SKIN CONTACT: Immediately wash with plenty of soap and water.

INHALATION: Remove to fresh air.

INGESTION: Give several glasses of water to drink.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Soak up spill with absorbent material and place in closed container for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.

STORAGE: Store tightly closed in a cool place, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: General

RESPIRATORY PROTECTION: Not normally required.

EYE PROTECTION: Chemical splash safety goggles/and or full face shield.

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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