

MSDS

Material Safety Data Sheet



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Decalcifying Solution for Histology

SECTION 1 PRODUCT IDENTIFICATION

NAME: Decalcifying Solution for Histology
EKI ORDER NUMBER: 3626
SYNONYMS: Bone Decalcifier
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 15 April 2004

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

CAUTION! CAUSES IRRITATION. MAY BE HARMFUL IF SWALLOWED. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Hydrochloric Acid/7647-01-0	5 ppm CEIL	2 ppm CEIL

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Complete
VAPOR PRESSURE (mm Hg): N/I
SPECIFIC GRAVITY: N/I
EVAPORATION RATE: Approx 1 (H₂O=1)
APPEARANCE AND ODOR: Clear, colorless liquid, slight hydrochloric acid odor.

BOILING POINT (C): Approx 100
VAPOR DENSITY: N/I
MELTING POINT (C): N/I

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): N/A
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 face piece operated in pressure-demand or other positive-pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

MATERIALS TO AVOID: Contact with metals, metal oxides, hydroxides, amines, carbonates, and other alkaline materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride gas.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause gastric irritation.

CHRONIC: May cause contact dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin and eye disorders.

CARCINOGENICITY: None

****FIRST AID PROCEDURES****

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

SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention for persistent irritation.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

INGESTION: Do NOT induce vomiting. If conscious, give large quantities of water to drink. Get medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize 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.

SECTION 8 CONTROL MEASURES

VENTILATION: General

RESPIRATORY PROTECTION: Acid gas respirator if necessary.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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