

MSDS***Material Safety Data Sheet***

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Nuclear Fast Red Stain Solution

SECTION 1 PRODUCT IDENTIFICATION

NAME: Nuclear Fast Red Stain Solution
EKI PRODUCT CODE: 7710
SYNONYMS: Kernechtrot Stain Solution
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 18 September 2006

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

WARNING. CAUSES EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SKIN OR RESPIRATORY TRACT IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing 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 -----
Aluminum Sulfate/7784-31-8	N/E	2mg Al/m3

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: Red, odorless liquid.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not combustible
AUTOIGNITION TEMPERATURE (C): Does not apply
FLAMMABLE LIMITS: (%) 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: N/I



SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat, sunlight.
MATERIALS TO AVOID: N/I
HAZARDOUS DECOMPOSITION PRODUCTS: Dilute H_2SO_4 , SO_x
HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE
INHALATION: May cause respiratory tract irritation.
SKIN CONTACT: May cause irritation.
EYE CONTACT: Causes irritation.
SKIN ABSORPTION: N/I
INGESTION: May cause gastric disturbance.
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, separating eyelids occasionally. Get immediate medical attention for persistent irritation.
SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes, while removing contaminated garments. Get immediate 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 several glasses 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 spill 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 at 15-30C, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: General
RESPIRATORY PROTECTION: If necessary, approved dust/mist respirator.
EYE PROTECTION: Chemical splash safety goggles and/or full face splash shield.
SKIN PROTECTION: Gloves, lab coat.

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