



E K Industries, Inc.

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

MATERIAL SAFETY DATA SHEET

PRODUCT EOSIN Y STAIN SOLUTION, 1% w/v AQUEOUS

PRODUCT CODES 4133

REVISION DATE 3/29/2011

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SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME EOSIN Y STAIN SOLUTION, 1% w/v AQUEOUS

PRODUCT CODES 4133

SYNONYMS N/I

CAS NUMBER Does Not Apply.

FORMULA Does Not Apply.

FORMULA WEIGHT Does Not Apply.

REVISION DATE 3/29/2011

24 HOUR EMERGENCY TELEPHONE

CALL CHEMTREC (800) 424-9300

Contact CHEMTREC (Chemical Transportation Emergency Center) only in the event of emergencies involving a chemical spill, leak, fire, exposure or other accident.

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY CAUSE SLIGHT IRRITATION.

PRECAUTIONARY MEASURES

Avoid contact with skin, eyes and clothing. Avoid breathing mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

SKIN CONTACT May cause slight irritation.

EYE CONTACT May cause slight irritation.

IF INHALED Not expected to have adverse health effects.

IF SWALLOWED Not expected to have adverse health effects.

CHRONIC N/I

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE N/I

TARGET ORGANS N/I

CARCINOGENICITY IARC-3 Unclassifiable as to human carcinogenicity.



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SECTION 3 FIRST AID PROCEDURES

SKIN CONTACT Immediately wash with plenty of soap and water. Get medical attention for persistent irritation.

EYE CONTACT Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get immediate medical attention.

IF INHALED Not expected to have adverse health effects.

IF SWALLOWED Not expected to have adverse health effects.

SECTION 4 FIRE FIGHTING MEASURES

FLASH POINT (C) Not combustible.

EXPLOSIVE LIMITS (%) **UPPER** Does Not Apply. **LOWER** Does Not Apply.

AUTOIGNITION TEMPERATURE (C) Does Not Apply.

NFPA HAZARD IDENTIFICATION Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: -

NFPA HAZARD IDENTIFICATION is *not* intended to address occupational exposure occurring under normal conditions of use. It only addresses hazards presented by Fire, Spill or Similar Emergencies. NFPA 704 2007 ed. 1.1 and 1.3.2(1).

EXTINGUISHING MEDIA Suitable for surrounding fire.

SPECIAL FIRE FIGHTING PRODECURES Fire fighters 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 ACCIDENTAL RELEASE MEASURES

IF SPILLED Absorb spill with inert material, scoop up and containerize for disposal.

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



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SECTION 6 EXPOSURE CONTROL AND STORAGE

VENTILATION Local or general.

RESPIRATORY PROTECTION Not likely to be required.

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

SKIN PROTECTION Vinyl gloves, lab coat and impervious apron.

STORAGE Store tightly closed at 15-30C.

SECTION 7 HAZARDOUS COMPONENTS AND EXPOSURE LIMITS

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Acid Red 87	17372-87-1	N/E	N/E

No component of this mixture, present at a concentration of 0.1% or higher, is subject to the reporting requirements of SARA 313 and 40CFR372.

SECTION 8 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR	Very dark red, odorless liquid.	MELTING POINT (C)	N/E
SOLUBILITY IN WATER	Miscible.	BOILING POINT (C)	N/E
DENSITY / SPECIFIC GRAVITY	N/E (Expected to have physical properties similar to Water)	EVAPORATION RATE	N/E
		VAPOR PRESSURE (mm Hg)	N/E
		VAPOR DENSITY	N/E



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SECTION 9 STABILITY AND REACTIVITY

STABILITY Stable

CONDITIONS TO AVOID Excessive heat, direct sunlight.

MATERIALS TO AVOID N/I

HAZARDOUS DECOMPOSITION PRODUCTS CO_x, HBr.

HAZARDOUS POLYMERIZATION Will not occur.

DISCLAIMER:

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