

M S D S

Material Safety Data Sheet



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Gram's Iodine Stain Solution

SECTION 1 PRODUCT IDENTIFICATION

NAME: Gram's Iodine Stain Solution
EKI ORDER NUMBER: 6050
SYNONYMS: N/I
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: April 20, 2004

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

CAUTION! MAY CAUSE IRRITATION. MAY BE HARMFUL IF SWALLOWED. 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 -----
Iodine/7553-56-2	0.1 ppm CEIL	0.1 ppm CEIL
Potassium Iodide/7681-11-0	N/E	N/E

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: Brown liquid. Faint odor of iodine.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not combustible
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: Excessive heat

MATERIALS TO AVOID: N/I

HAZARDOUS DECOMPOSITION PRODUCTS: Small quantities of iodine vapor.

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 under conditions of laboratory use.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause irritation.

CHRONIC: May cause skin rashes.

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

CARCINOGENICITY: None

****FIRST AID PROCEDURES****

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

SKIN CONTACT: Wash thoroughly with soap and water.

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

INGESTION: If conscious, 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: 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, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general

RESPIRATORY PROTECTION: Mist respirator, if needed.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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