

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

Gram's Decolorizer Solution

SECTION 1 PRODUCT IDENTIFICATION

NAME: Gram's Decolorizer Solution
EKI ORDER NUMBER: 1185
SYNONYMS: Acetone-Alcohol Decolorizer
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: April 20, 2004

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

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION. Keep away from heat, sparks and flame. Keep container closed. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. 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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Acetone/67-64-1	1000 ppm TWA	500 ppm TWA 750 ppm STEL
Ethyl Alcohol/64-17-5	1000 ppm TWA	1000 ppm TWA
Isopropyl Alcohol/67-63-0	400 ppm TWA	200 ppm TWA 400 ppm STEL
Methyl Alcohol/67-56-1	200 ppm TWA	200 ppm TWA Skin 250 ppm STEL Skin
Methyl Alcohol, ~2.5% is subject to the reporting requirements of SARA 313 and 40CFR372		

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: Clear, colorless liquid. Characteristic odor.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): N/E
AUTOIGNITION TEMPERATURE (C): N/E
FLAMMABLE LIMITS (%): UEL: N/E LEL: N/E

EXTINGUISHING MEDIA: Dry chemical, CO₂, Halon, "alcohol" foam, water spray.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may ignite, flash back, or explode.

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sources of ignition.

MATERIALS TO AVOID: Strong acids, bases and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE:

INHALATION: Causes respiratory tract irritation.

SKIN CONTACT: Causes irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause intoxication, headache, digestive tract irritation, nausea, vomiting.

CHRONIC: May cause brain and nervous system damage, kidney and liver damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin and eye disorders, kidney and liver disease.

CARCINOGENICITY: None.

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get immediate 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. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

INGESTION: DO NOT induce vomiting. If vomiting occurs, keep head below hips. Get medical attention if symptoms occur.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Remove sources of ignition. 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 an approved Flammable Liquids storage area.

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred.

RESPIRATORY PROTECTION: If Airborne Exposure Limits are exceeded, wear a respirator operated in a positive pressure mode.

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

SKIN PROTECTION: Impervious gloves, lab coat and impervious apron.

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