

MSDS

Material Safety Data Sheet



24 HOUR EMERGENCY
TELEPHONE NUMBER
CALL CHEMTREC
1-800-424-9300

189 Twin County Road • Morgantown, PA 19543 • (610) 524-5810

Schaudinn's Fixative

SECTION 1 PRODUCT IDENTIFICATION

NAME: Schaudinn's Fixative
AZER SCIENTIFIC ORDER NUMBER: ES761, ES762
SYNONYMS: N/I
CAS NO: Does not apply
FORMULA: Does not apply

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

DANGER! COMBUSTIBLE LIQUID AND VAPOR. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION. THE HAZARDOUS PROPERTIES OF THIS MIXTURE HAVE NOT BEEN FULLY INVESTIGATED. Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Keep container tightly closed. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
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Glycerin/56-81-5	N/E	N/E
Mercuric Chloride	0.1 mg/m3 CEIL	0.025 mg/m3 TWA Skin
Acetic Acid/64-19-7	10 ppm TWA	10 ppm TWA 15 ppm STEL
Ethyl Alcohol/64-17-5	1000 ppm TWA	1000 ppm TWA
Methyl Alcohol/67-56-1	200 ppm TWA	200 ppm TWA Skin 250 ppm STEL Skin
Isopropyl Alcohol/67-63-0	400 ppm TWA	200 ppm TWA 400 ppm STEL

Mercuric chloride, ~5%, and Methyl Alcohol, ~1.3%, are subject to the reporting requirements of SARA 313 and 40CFR372.

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible
VAPOR PRESSURE (mm Hg): N/E
SPECIFIC GRAVITY: N/E
EVAPORATION RATE: N/E
APPEARANCE AND ODOR: Clear, colorless liquid. Odor of grain alcohol.

BOILING POINT (C): N/E
VAPOR DENSITY: N/E
MELTING POINT (C): N/E

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: Water spray, dry chemical, "alcohol" foam or CO2.

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: Vapor can flow to distant ignition sources and flash back.

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, flames, sources of ignition.

MATERIALS TO AVOID: Strong oxidizers, silver salts, alkali metals, acid chlorides. Many other substances.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, mercury vapor.

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 severe irritation.

SKIN ABSORPTION: May produce toxicity similar to ingestion.

INGESTION: Causes irritation of mouth, throat, G.I. tract. May be fatal.

CHRONIC: May cause CNS deterioration, brain damage, liver and kidney damage, loose teeth, digestive disorders. May cause allergic reaction.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin, eye, kidney, liver, nervous, respiratory and allergic disorders.

CARCINOGENICITY: None

****FIRST AID PROCEDURES****

GET IMMEDIATE MEDICAL ATTENTION

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, separating eyelids occasionally.

SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: If conscious, induce vomiting immediately as directed by medical personnel.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Ventilate area and remove sources of ignition. 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 in a suitable combustible materials storage area.

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred.

RESPIRATORY PROTECTION: Air-supplied or self-contained breathing apparatus, 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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