

Material Safety Data Sheet

SECTION I CHEMICAL and COMPANY IDENTIFICATION

PRODUCT: *Plasticizer ETS*
CHEMICAL NAME: *n-ethyl o,p-toluenesulfonamide*
COMMON/GENERIC NAME: None
CHEMICAL FAMILY: *Amide*
MANUFACTURER: MERRAND INTERNATIONAL CORP. - Customer Service 603-279-5216
EMERGENCY NUMBERS: CHEMTREC 800-424-9300
CANUTEC(Canada) 613-996-6666

SECTION II COMPOSITION / INGREDIENT INFORMATION

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
COMPOSITION: n-ethyl o,p-toluenesulfonamide : 100%	N.D.	N.D.
C.A.S.# 1077-56-1		
CAS# 8047-99-2		
CAS # 80-39-7		

SECTION III/IV HAZARDS / FIRST AID PROCEDURES

EMERGENCY OVERVIEW: A clear oily liquid. Do not ingest; avoid breathing vapors; avoid skin contact; wash thoroughly after contact; can be irritating to eyes and mucous membranes.

EYE: May cause irritation and burning sensation accompanied by pain and corneal or conjunctival ulceration in extreme cases. Flush eyes with water for 15 min. Call a physician if burning and pain persist.

SKIN: May be irritating to skin and cause stinging, redness and swelling. Remove contaminated clothing and wash skin with soap and water. If in contact with hot product, treat as a burn.

INGESTION: Do not ingest. If swallowed, may cause burning sensation in the mouth and digestive tract. If victim is conscious, give several glasses of water to dilute and seek medical attention. Do not induce vomiting. Never give anything by mouth to unconscious person.

INHALATION: Heavy exposure may lead to irritation of the respiratory tract. Remove to fresh air; give artificial respiration or oxygen if necessary.

TOXICITY: No significant adverse effects expected. Not considered toxic/hazardous.

CARCINOGENICITY: Not listed by NTP, IARC or OSHA

IN ALL CASES OF EMERGENCY, CONTACT A PHYSICIAN

SECTION V FIRE AND EXPLOSION INFORMATION

FLASH POINT: 174°C (345°F) COC

FIRE-FIGHTING PROCEDURES: Use Chemical foam, CO₂, Dry Chemical. Treat as burning oil. Keep drums as cool as possible to avoid expansion, explosions, and splattering.

HAZARDOUS COMBUSTION PRODUCTS: This product will decompose under extreme temperatures forming products of ammonia and oxides of carbon and sulfur.

PROTECTIVE EQUIPMENT: Full eye protection and protective clothing are required for all indoor/outdoor fires and spills.

HB CHEMICAL

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SECTION VI SPILLS AND ENVIRONMENTAL INFORMATION

SPILL OR LEAK PRECAUTIONS: Wear appropriate protective clothing, gloves and equipment. Sweep up powdered material. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent. Prevent run-off into sewers or natural waterways. Spills in excess of the RQ must be reported to the local emergency response organizations. Major spills should also be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the U.S. Coast Guard (800-424-8802)

WASTE DISPOSAL: All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

SECTION VII HANDLING AND STORAGE

Store in sealed containers in dry, ambient temperature or below.

SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION: Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

RESPIRATORY AND PERSONAL PROTECTION: Respirators should be selected when TWA exceeded. Safety glasses with side shields; gloves, boots and apron as appropriate.

FACILITIES: There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

SECTION IX PHYSICAL AND CHEMICAL INFORMATION

Appearance: Clear oily liquid
Specific Gravity @25°C = >1.18
Vapor Pressure: ND
Viscosity cPs (25°C) = 300

Evaporation Rate: << 1 (butyl acetate=1)
Freezing Point: Not Determined
pH: 7-9
Solubility in Water: <1%

SECTION X STABILITY AND REACTIVITY

Under normal storage conditions, this product a) is stable; b) will not polymerize or exotherm; c) should be kept away from extreme heat, strong oxidizers and bases; d) this product decomposes under high temperature and hydrolyses in humid conditions.

SECTION XI TOXICOLOGICAL INFORMATION

Not Determined, generally considered non-toxic.

SECTION XII ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No information available.

Corporate Office:
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SECTION XIII**DISPOSAL CONSIDERATIONS**

Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal. Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations. For spill clean-up procedures see Sect.VI.

SECTION XIV**TRANSPORTATION INFORMATION**

DOT: Not regulated. Use a standard commercial label.

INTERNATIONAL: IMO: Non-Hazardous. Label: Product trade name and its chemical description.

AIR (IATA/ICAO): Non-hazardous. Label: Product trade name with chemical description.

US CUSTOMS: - HARMONIZED TARIFF CODE: 2920.90.50.00

SECTION XV**REGULATORY INFORMATION**

OSHA: Non-Hazardous

SARA TITLE III: - 311/312 CATEGORIES: Non-hazardous.

“ “ - 313 Reportable ingredients: None

CERCLA RQ: Not Determined.

RCRA Status: None

TSCA REGULATORY: All intentional ingredients are listed in the TSCA Inventory.

CANADA WHMIS HAZARD SYMBOL AND CLASS: Not Determined.

CANADA INGREDIENT DISCLOSURE LIST: Does not contain any ingredients on the IDL. All intentional ingredients are on the DSL.

SECTION XVI OTHER INFORMATION

HMIS Label: Fire: 1
Health: 1
Reactivity: 1
Protection: C

This MSDS was obtained from the Chinese supplier Eastar Chemical Corp, and through reading competitive MSDS information.

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.