

SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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RECOMMENDED USE: OXIDIZING AGENTS POLYMERIZATION INITIATORS

SECTION 2. COMPOSITION AND INFORMATION ON COMPONENTS

SYNONYMS: 4-HYDROXYBENZOIC ACID ETHYL ESTER;
ETHYL P (PARA) - HYDROXYBENZOATE.
CAS#: 120-47-8
EINECS NUMBER: 204-389-4

SECTION 3. HAZARDS IDENTIFICATION

DESIGNATION: IRRITANT
RISK PHRASES: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN AND SEEK MEDICAL ATTENTION.
EYE CONTACT: FLUSH WITH COPIOUS AMOUNT OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. RINSE THOROUGHLY. IF IRRITATION PERSISTS OR OTHER SYMPTOMS ARE OBSERVED, SEEK MEDICAL ADVICE.
INGESTION: RINSE OUT MOUTH AND DRINK LOTS OF WATER. IN CASE OF IRRITATION OR OTHER SYMPTOMS, SEEK MEDICAL ATTENTION.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER GLOVES, AND EYE PROTECTION. KEEP UNPROTECTED PERSONS AWAY.

ENVIRONMENTAL PROTECTION: TAKE PRECAUTIONS TO ENSURE PRODUCT DOES NOT CONTAMINATE THE GROUND OR ENTER THE DRAINAGE SYSTEM.

COLLECTION: MIX WITH VERMICULITE OR PROPRIETARY ABSORBENT MATERIAL AND TRANSFER TO SEALED CONTAINERS FOR DISPOSAL.

SECTION 7. HANDLING AND STORAGE

HANDLING: CHEMICALS SHOULD BE USED ONLY BY THOSE TRAINED IN HANDLING POTENTIALLY HAZARDOUS MATERIALS. RUBBER GLOVES, EYE PROTECTION AND PROTECTIVE CLOTHING SHOULD BE WORN. OPERATIONS SHOULD BE CARRIED OUT IN AN EFFICIENT FUME HOOD OR EQUIVALENT SYSTEM.

STORAGE: STORE IN TIGHTLY SEALED CONTAINERS IN A COOL PLACE. PROTECT FROM MOISTURE.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY: AVOID INHALATION OF PRODUCT. HANDLE IN AN EFFICIENT FUME HOOD OR EQUIVALENT SYSTEM.

EYE: AVOID EYE CONTACT. WEAR SAFETY SPECTACLES, GOGGLES OR, FOR LARGER QUANTITIES, A FULL FACE MASK.

HANDS AND BODY: IRRITANT PRODUCT. AVOID SKIN CONTACT. WEAR RUBBER GLOVES, PROTECTIVE CLOTHING AND, FOR LARGER QUANTITIES, FULL ARM, BODY AND FACE PROTECTION. WASH HANDS THOROUGHLY AFTER HANDLING.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: SOLID

APPEARANCE: COLORLESS TO WHITE

DENSITY: NOT AVAILABLE

MELTING POINT: 115-118°C

WATER SOLUBILITY: INSOL

MOLECULAR FORMULA: $C_9H_{10}O_3$

MOLECULAR WEIGHT: 166.18

CONSTITUTIONAL FORMULA:

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

CONDITION TO AVOID: INCOMPATIBLE MATERIALS.

INCOMPATIBILITIES WITH OTHER MATERIALS: STRONG OXIDIZING AGENTS, STRONG BASES.

DECOMPOSITION: HAZARDOUS PRODUCTS OF DECOMPOSITION MAY INCLUDE: CARBON MONOXIDE, CARBON DIOXIDE.

SECTION 11. TOXICOLOGICAL INFORMATION

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RTECS NUMBER: DH2190000

ACUTE EFFECTS: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSE EYE AND SKIN IRRITATION. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL AND CHEMICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

TOXICITY DATA: ORAL, MOUSE: LD50=>3 g/kg; ORAL, RABBIT: LD50=>5 g/kg.

OTHER STUDIES: NONE

SECTION 12. ECOLOGICAL EFFECTS

GENERAL: TAKE CARE TO PREVENT CHEMICALS FROM ENTERING THE GROUND, WATER COURSES OR DRAINAGE SYSTEMS.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL: DISPOSAL SHOULD BE VIA AN APPROVED CONTRACTOR AND SHOULD TAKE FULL ACCOUNT OF LOCAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

LAND TRANSPORT: ADR/RIC CODE/CLASS: NOT RESTRICTED.

MARITIME TRANSPORT IMDG CODE/CLASS: NOT RESTRICTED.

AIR TRANSPORT IATA CODE/CLASS: NOT RESTRICTED.

SECTION 15. REGULATORY INFORMATION

CAS NUMBER: 120-47-8

EINECS NUMBER: 204-389-4

RTECS NUMBER: DH2190000

HAZARD INDICATION: IRRITANT

RISK AND SAFETY PHRASES: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 16. OTHER INFORMATION

USAGE: USED AS ANTISEPTICS IN FOODSTUFF, MEDICINE AND COSMETICS, ETC.

THE INFORMATION GIVEN IN THIS DATA SHEET IS BASED ON OUR PRESENT KNOWLEDGE AND SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.
