

EMS CATALOG NO: 11290  
EMS PRODUCT: Benzoin Methyl Ether  
DATE: 06/01/2008  
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MATERIAL SAFETY DATA SHEET

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

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PRODUCT NAME: Benzoin Methyl Ether

CAS NUMBER: 3524-62-7

MF: C15H14O2

EC NO: 222-538-7

ADDITIONAL INFORMATION: Contains Benzoin, Chemical Abstracts  
Registry Number 579-44-2

SYNONYMS: Benzoin Methyl Ether \* Ethanone; 2-Methoxy-  
1,2-Diphenyl-(9CI); \* 2-Methoxy-  
1,2-Diphenylethanone \* Methyl Benzoin \*

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## HAZARDS IDENTIFICATION

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LABEL PRECAUTIONARY STATEMENTS: Toxic (USA Definition)  
Harmful (European)

Harmful by inhalation, in contact with skin and if swallowed.  
Wear suitable protective clothing.

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## FIRST AID MEASURES

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In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

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## FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA:

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 & EXPLOSIONS HAZARDS:

Emits toxic fumes under fire conditions.

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## ACCIDENTAL RELEASE MEASURES

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Evacuate area. Wear self contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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EXPOSURE CONTROLS/PERSONAL PROPERTIES

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Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles, other protective clothing.  
Safety shower and eye bath.  
Use only in a chemical fume hood.  
Do not breathe dust.  
Do not get in eyes, or skin, on clothing.  
Avoid prolonged or repeated exposure.  
Wash thoroughly after handling.  
Toxic.  
Irritant.  
Sensitizer.  
Keep tightly closed.  
Store in a cool dry place.

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PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: White powder.  
PHYSICAL PROPERTIES  
MELTING POINT: 47°C to 50°C  
FLASHPOINT: >110°C

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STABILITY AND REACTIVITY

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STABILITY: Stable.  
INCOMPATIBILITIES: Strong Oxidizing agents. Strong acids.  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
TOXIC FUMES OF: Carbon Monoxide, Carbon Dioxide.  
HAZARDOUS POLYMERIZATION: Will not occur.

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TOXICOLOGICAL INFORMATION

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ACUTE EFFECTS:

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract. May cause allergic skin reaction. To the best of our knowledge, the chemical, physical,

and toxicological properties have not been thoroughly investigated.

RTECS NO: AM9350000

Acetophenone, 2-Methoxy-2-Phenyl

TOXICITY DATA:

ORL-MUS LD50: 300 mg/kg

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

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DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Observe all Federal, State and Local environmental regulations.

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REGULATORY INFORMATION

EUROPEAN INFORMATION - Harmful

R 20/21/22

Harmful by inhalation, in contact with skin and if swallowed.

S 36

Wear suitable protective clothing.

REVIEWS, STANDARDS, AND REGULATIONS:

OEL=MAK

NOES 1983: HZD X 2786; NIS 1; TNF 18: NOS 1; TNE 36

EPA TSCA SECTION 8 (B) CHEMICAL INVENTORY