

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Benzoin Methyl Ether.
Catalogue Number: C653.
Other Names: Benzoin Methyl Ether; Ethanone; 2-Methoxy-1,2-Diphenyl-(9CI); 2-Methoxy-1,2-Diphenylethanone; Methyl Benzoin.
Recommended Use: Catalyst.

Supplier Name: ProSciTech
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Not classified as hazardous according to criteria of NOHSC.
Hazardous and/or Dangerous Nature: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
Safety Phrases: S36 Wear suitable protective clothing.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Benzoin Methyl Ether.
Common Name(s): Benzoin Methyl Ether; Ethanone; 2-Methoxy-1,2-Diphenyl-(9CI); 2-Methoxy-1,2-Diphenylethanone; Methyl Benzoin.
CAS Number(s): 3524-62-7

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Benzoin Methyl Ether.	3524-62-7	

SECTION 4 - FIRST AID MEASURES

Swallowed: If swallowed, wash out mouth with water provided person is conscious. Seek medical attention. Wash contaminated clothing before reuse.
Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.
Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
Inhaled: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, dry chemical powder or appropriate foam.
Hazards from Combustion Products: Emits toxic fumes under fire conditions of Carbon Monoxide, Carbon Dioxide.
Precautions for Fire Fighters: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Evacuate the area.
Containment and clean up: 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.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Do not breathe dust. Do not get in eyes, or skin, on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Wear appropriate protective equipment refer to Section 8.

Conditions for Safe Storage:

Keep tightly closed. Store in a cool dry place.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Use only in a chemical fume hood, workplace should have a safety shower and eyebath.

Personal Protective Equipment:

Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles, other protective clothing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: White powder.

Odour: Not available.

pH: Not available.

Vapour pressure (mm of Hg at 25°C): Not available.

Vapour density: Not available.

Boiling point/range (°C): Not available.

Freezing/melting point (°C): 47°C-50°C.

Solubility: Not available.

Specific gravity or density: Not available.

Flash Point: >100°C.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Incompatible materials.

Incompatible Materials: Strong Oxidizing agents. Strong acids.

Hazardous Decomposition Products: Emits toxic fumes under fire conditions of Carbon Monoxide, Carbon Dioxide.

Hazardous Reactions: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

Harmful if swallowed.

Inhalation:

Harmful if inhaled, material is irritating to mucous membranes and upper respiratory tract.

Skin Contact:

Harmful if absorbed through the skin, causes irritation may cause allergic reaction.

Eye Contact:

Causes irritation.

Human/Animal data: ORL-MUS LD50: 300 mg/kg

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence and degradability: Not available.
Mobility: Not available.
Additional Information: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

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.

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.
UN Proper Shipping Name: Not regulated.
Class and Subsidiary risk: Not regulated.
Packing Group: Not regulated.
Special Precautions for User: Not available.
Hazchem Code: Not available.

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: November 09

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.