



SAFETY DATA SHEET

According to GHS Globally Harmonised System

MBF

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: Methyl Benzoylformate

CAS number: 15206-55-0

ELINCS number: 239-263-3

Product code: VL-1010

Use/description of product: Photo initiator for UV-cure.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Methyl Benzoylformate

3. HAZARDS IDENTIFICATION

Eyes: May cause eye irritation.

Skin: May cause skin irritation.
May be harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract.
May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation.
May be harmful if inhaled

Chronic: No information found

4. FIRST AID MEASURES

Skin contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Eye contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do not induce vomiting. If victim is conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

5. FIRE FIGHTING MEASURES

General Information: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



Flammable properties

Flash point : >112 deg C (>233.6 deg F)

Ignition temperature : no data available

Special protective equipment for firefighters: Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist or gas.

Environmental precautions: Do not let product enter drains.

Clean-up procedures: Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling requirements: Normal measures for preventive fire protection.

Storage conditions: Keep container tightly closed in a cool, dry, and well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves..

Clothing: Wear appropriate protective clothing.

Respirators: Wear NIOSH/MSHA - approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: clear slightly yellow

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not

available. **Evaporation Rate:** Not available.

Viscosity: Not available.

Boiling Point: 246 - 248 deg C @ 760.00mmHg

Freezing/Melting Point: 17°C

Decomposition Temperature: Not available

Solubility: Not available



Specific Gravity/Density: 1.155 g/cm³

Molecular Formula: C₉H₈O₃

Molecular Weight: 164.16

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures

Conditions to avoid: Incompatible materials, excess heat, strong oxidants

Incompatibilities with Other Materials: Oxidizing agents.

Hazardous Polymerization: Has not been reported.

Hazardous decomposition products: Carbon monoxide, Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Epidemiology --

Teratogenicity --

Reproductive Effects: --

Mutagenicity --

Neurotoxicity --

Other Studies --

12. ECOLOGICAL INFORMATION

Ecotoxicity: --

Other: --

13. DISPOSAL CONSIDERATIONS

products: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging:

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

TDG Not dangerous goods

IMDG Not dangerous goods

IATA: Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards Toxic by inhalation

DSL Status

This product contains the following components listed on the Canadian NDSL list. All other



components are on the Canadian DSL list.

Methyl benzoylformate

CAS-No.

15206-55-0

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

CAS-No.

Methyl benzoylformate

15206-55-0

New Jersey Right To Know Components

CAS-No.

Methyl benzoylformate

15206-55-0

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

R-Phrases:

Not available

S-Phrases:

1. Avoid contact with skin. S24/25 Avoid contact with skin and eyes.
2. Avoid contact with eyes.

WGK(Water Danger/Protection): CAS# 15206-55-0: 1

US Federal TSCA: CAS# 15206-55-0 is listed on the TSCA inventory

16. OTHER INFORMATION

The information above is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. We makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall HERUN be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

[Final page]