

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: AVOBENZONE



SECTION 1: Identification of the substance/mixture and of the company/undertaking

Substance/mixture: Avobenzone
CAS Number: 70356-09-1
Synonyms: Butyl Methoxy Dibenzoyl Methane
Percent: 95.0% min
Chemical Formula: C₂₀H₂₂O₃

Details of the supplier:
ASES Chemical Works
Brahm Bagh, Jalori Gate,
Jodhpur - 342001 Rajasthan-India
Ph: +91-9636889954
Email : ecom@ases.in Website : www.ases.in

SECTION 2: Hazard identification

Hazard Summary:
Target Organs: Eyes
Respiratory System
Primary Routes of Entry: Eyes. Ingestion. Skin.
Acute Health Hazard: May cause respiratory tract irritation.
May cause slight eye irritation.
Chronic Health Hazard: None known
Symptoms of Overexposure:
Eye Contact: Contact: Slight irritation
Skin contact: Not hazardous
Ingestion: Ingestion: Not hazardous
Inhalation: May cause respiratory tract irritation.

SECTION 3: Composition/information on ingredients

Substance/mixture:	CAS Number:	Percent:	Chemical Formula:
Avobenzone	70356-09-1	95.0% Min	C ₂₀ H ₂₂ O ₃

SECTION 4: First aid measures

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Skin Contact: Wash off with soap and water.
Ingestion: Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention.
Inhalation: If inhaled, remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Get medical attention.

SECTION 5: Fire fighting measures

Suitable extinguishing Media:
Carbon dioxide, Dry powder
Combustion/Explosion Hazards: form explosive dust-air mixture
Special Protective Equipment for Fire-Fighters:
Wear self-contained breathing apparatus and protective suit.

SECTION 6: Accidental release measures

Personal Precautions: Wear suitable protective equipment.
Methods for Cleaning Up: Clean up promptly by scoop or vacuum. Avoid dust formation. Avoid dust accumulation in enclosed space.

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SECTION 7- ACCIDENTAL RELEASE MEASURES

Handling: Handling: Handling: Handling: Avoid dust formation. Avoid dust accumulation in enclosed space. Avoid breathing dust. Wash thoroughly after handling.
Storage: Storage: Storage: Storage: Keep container tightly closed. Keep in a dry, cool place. Keep away from direct sunlight.

SECTION 8- EXPOSURE CONTROLS/PERSONAL CONTROLS/ /PERSONAL PROTECTION

Engineering Measures: Use only in well-ventilated areas.
Respiratory Protection: Use NIOSH approved respiratory protection. use only in well-ventilated areas.
Hand Protection: Wear protective gloves.
Eye Protection: Safety glasses.
Exposure Limits: Components ACGIH -Threshold Limit Values -Time Weighted Averages (TLV-TWA)-
No TLV/TWA Established No TLV/TWA Established

SECTION 9: Physical and chemical properties

Colour:	White to pale yellow colour powder	Partition coefficient: Log Kow = 4.5', (calculated) (N-octanol/water)
Odour:	Odourless	Solubility(ies): Practically insoluble.
pH:	No data available.	Flash point: No data available.
Melting point:	81-86°C	Flammability: Non flammable.
Boiling point:	No data available.	Explosive properties: Not explosive.
Density:	7.037 - 1.041 g/cm ³	Oxidising properties: No oxidising properties.
Vapour pressure:	No data available.	

SECTION 10- STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Keep away from heat/sparks/open flames/hot surfaces.
-No smoking. Avoid dust formation. Avoid dust accumulation in enclosed space.
Materials to Avoid: Iron

SECTION 11- TOXICOLOGICAL INFORMATION

Toxicity Test:
Acute Oral Toxicity: >16000 mg/kg (Rat) >8000 mg/kg (Mouse)
Eye irritation:: slightly irritating to rabbit eyes.
Skin irritation: Non-irritating to guinea pig .Non-irritating to rabbit skin.
Sensitization: Non-sensitizing to guinea pig skin.
Mutagenicity:
Non-mutagenic (Ames assay).Teratogenicity: Non-teratogenicCarcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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SECTION 12- ECOLOGICAL INFORMATION

Persistence and Degradability: Not determined.

Eco toxicity: No data available.

SECTION 13: Disposal consideration

Waste Disposal Methods: Methods: Dispose of in accordance with local regulations.

SECTION 14- TRANSPORT INFORMATION

Land Transport:

DOT (Non-Bulk): Not regulated DOT

(Bulk):

Air Transport (IATA): Not regulated IATA

Sea Transport (IMO): Not regulated IMDG

TDG (Canada): Not regulated TDG

SECTION 15- REGULATORY INFORMATION

Inventories Status

TSCA Listed

DSL Listed

NDSL Not Listed

ENCS Not Listed

AICS Listed

EINECS Listed

ELINCS Not Listed

NZIoC Listed

KECI Not Listed

PICCS Listed

IECSC Listed

SECTION 16- OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.