



UV Absorbers Specialist

MATERIAL SAFETY DATA SHEET

Homosalate

SECTION 1: CHEMICAL PRODUCT AND COMPANY NAME

Product Name: Homosalate

Company Details: MFCI (Huanggang) Co., Ltd.
Huangzhou Railway Station Economic Development Zone,
Huanggang City, Hubei, China
Tel:+86-714-6516755 Fax:+86-714-6516705

SECTION 2: PRODUCT IDENTIFICATION

Commodity Name: Homomenthyl Salicylate; 3,3,5-Trimethylcyclohexyl Salicylate;
Metahomomenthylsalicylate.

Chemical Name: 3,3,5-Trimethylcyclohexyl Salicylate

CAS No.: 118-56-9

Molecular Formula: C₁₆H₂₂O₃

SECTION 3: Hazards Identification

The following evaluation is in compliance with 29 CFR 1910.1200.

Emergency Overview

This product is : clear liquid - colorless to pale yellow

Water solubility : immiscible

Odour : characteristic

Flash point : > 212 °F / > 100 °C

Flammability (DOT173) : none

Flammability (OSHA) : None.

OSHA PHYSICAL HAZARD

(OTHER):

: None.

Acute Health Hazard

Eyes : Mild Eye Irritant

Skin : Mild Skin Irritant

Inhalation : Mild Inhalation Irritant

LD50 Oral : Not Toxic

LD50 Dermal : Not Toxic



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LC50 Inhalation : Not Toxic

Chronic Health Hazard:

This material has not been found to be carcinogenic per NTP.

This material has not been found to be carcinogenic per IARC.

This material has not been found to be carcinogenic per OSHA.

SECTION 4: FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

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

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: CLOSED CUP: >100°C (212°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in

presence of static discharge: Not available.



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Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.



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Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form : clear liquid

Color : colorless to pale yellow

Odour : characteristic

Flash point : > 212 °F / > 100 °C

Water solubility : immiscible

Specific Gravity (range) : 1.0490 - 1.0530
at 68 °F / 20 °C

Note: relation to density of water at 4°C

Molecular Weight : 262.2 g/mol

SECTION 10: STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Not available.

Special Remarks on Reactivity: Sensitive to light.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat

Dose: > 8,000 mg/kg

Acute dermal toxicity : LD50 rabbit

Dose: > 5,000 mg/kg

Acute inhalation toxicity : Please refer to section 2 for toxicological information.

SECTION 12: ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability : Manometric Respirometry Test Result: Not readily biodegradable. 21 %

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Observe, local, state and federal regulations. Incineration is the most recommended disposal method.

SECTION 14: TRANSPORT INFORMATION



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Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Homosalate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

SECTION 16- OTHER INFORMATION

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 we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company 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.