

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Chemical Name: 3,3,5 – Trimethylcyclohexyl salicylate
Trade Name: **HOMOSALATE**
Synonyms: Homomenthylsalicylate
CAS#: 118-56-9
EINECS# : 204-260-8 (I)

Section 2 – Composition/Information on Ingredients

Chemical name 3,3,5 - Trimethylcyclohexyl salicylate
Percentage $\geq 97\%$

Section 3 Hazards Identification

Emergency Overview:

Appearance: - liquid
Color - colorless to yellowish
Odor - aromatic
Hazard Overview - May cause eye, skin and respiratory irritation.
Potential Health Effects - Exposure: Ingestion, Skin contact, Eye contact
- Target Organs: eye, skin, gastrointestinal system
- Acute Effects: May cause skin irritation
- Chronic Effects: No adverse effects known
- Carcinogenicity: not listed by NTP, IARC or OSHA

Section 4 First Aid Measures

Eye contact - rinse immediately with tap water for 10 minutes – open eyelids forcibly
Skin contact - remove immediately contaminated clothes, wash affected skin with water and soap – do not use any solvents
Inhalation - remove the casualty to fresh air and keep him/her calm
- in the event of symptoms get medical treatment

Note to physician - treat symptomatically

MATERIAL SAFETY DATA SHEET

Page No. 2 of 4 – MSDS – Homosalate

Section 5 Fire Fighting Measures

Suitable extinguishing media	- foam, dry powder
Flash point (liquid)	> 100°C
Protection of fire-fighters	- precipitate gases/ vapours/ mists with water spray

Section 6 Accidental Release Measure

Methods for cleaning up	- collect spills with inert adsorbent and hand over to waste removal
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Section 7 Handling And Storage

Handling

Technical measures	- processing in closed systems, if possible superposed by inert gas (e.g. nitrogen) - local exhaust ventilation necessary - take precautionary measures against electrostatic charging
Suitable materials	- aluminium, enamel, stainless steel, glass

Storage

Storage conditions	- protected from light
Validity	- 24 months, < 25°C, in the unopened original container, see "best use before" date stated on the label

Section 8 Exposure Controls/ Personal Protection

Engineering Measures	- see 7.
Personal protective equipment	
Respiratory protection	- in case of open handling of large quantities or accidental release: mask with activated charcoal filter or respirator with independent air supply
Hand protection	- protective gloves (eg made of neoprene, nitrile or butyl rubber)
Eye protection	- safety glasses

Section 9 Physical and Chemical Properties

Appearance	colorless to yellowish
Form	liquid Odor
aromatic Molecular mass	
262.35 g/mol Empirical formula	
C ₁₆ H ₂₂ O ₃	
Density	1.05 g/cm ³ (25°C)
Refraction index	n _D ²⁰ 1.517
Solubility	0.5 mg/l, water (20°C) miscible, ethanol
Boiling temperature	161 to 165 °C (5.3 hPa)

MATERIAL SAFETY DATA SHEET

Page No. 3 of 4 – MSDS – Homosalate

Section 10 Stability And Reactivity

Stability: - stable under the conditions mentioned in chapter 7

Section 11 Toxicological Information

Acute pollution	- LD ₅₀ > 8'400 mg/kg (oral, rat)
Local effects	- skin, eyes, mucous membranes: non-irritant
Sensitization	- non-sensitizing

Section 12 Ecological Information

Air pollution - observe local/ national regulations

Section 13 Disposal Considerations

Waste from residues	- observe local/ national regulations regarding waste disposal
RCRA waste	- incinerate in qualified installation with flue gas scrubbing - not regulated under RCRA

Section 14 Transport Information

DOT/TDG Remark: - not regulated for transport under DOT, TDG, IATA, OR IMDG.
Note - not regulated as hazardous under DOT, IATA, IMDG

Section 15 Regulatory Information

US Regulations	- Law: hazardous chemical reporting: community right-to know - Common name: SARA title 312 - Agency: Environmental Protection Agency EPA - Criteria met: acute
US and CAN hazard classification	- No components are listed in the WHMIS IDL. - Components of this product are identified on the Canadian Domestic Substance List or the Non-Domestic Substance List. - This product is considered hazardous under the criteria specifies in 29 CFR 1910.1200 (Hazard Communication Standard) but is not a controlled product under the Canadian Controlled Products Act. - None of this product component are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).
TSCA Status Reporting Requirements	- On TSCA inventory - The United States Environmental Protection Agency (USEPA) has not established a Reportable Quantity (RQ) for release this material. - In New Jersey, report all releases which are likely to endanger the public health, harm the environment or cause a complaint to the NJDEP Hotline (1-877-WARN-DEP) and to local officials. - State and local regulations vary and may impose additional reporting requirements.

Section 16 Other Information

Use	- additive for cosmetics and sun products
Canada update	- This MSDS has been reviewed on 02/12/2007 for compliance with Canadian Regulation
Edition documentation	- first edition