



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: Methyl Salicylate
Product code: S0015
Company: TCI (Shanghai) DEVELOPMENT CO., LTD.
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Revision number: 1

2. HAZARDS IDENTIFICATION

Classification of the GHS

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS

Acute toxicity (Oral) Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

ENVIRONMENTAL HAZARDS

Not classified

GHS label elements

Pictograms or hazard symbols



Signal word

Warning

Hazard statement

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

Precautionary statements

[Prevention]

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

[Response]

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

[Disposal]

Take off contaminated clothing and wash before reuse.

Dispose of contents/container through a waste management company authorized by the local government

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance
Component(s): Methyl Salicylate
Percent: >99.0%(GC)
CAS Number: 119-36-8

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: 2-Hydroxybenzoic Acid Methyl Ester , Salicylic Acid Methyl Ester , Methyl 2-Hydroxybenzoate

Chemical Formula: C₈H₈O₃

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Symptoms/effects: cough, sore throat , nausea, vomiting, abdominal pain, diarrhoea, hyperventilation, susurrus aurium , convulsions, redness, pain

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

Notes to physician: Medical observation is indicated.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, foam, water spray, carbon dioxide.

Extinguishing media not to be used: Solid streams of water

Specific methods: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective equipment for firefighters: When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for containment and cleaning up: Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

Handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapor or mist. Wash hands and face thoroughly after handling. Use a ventilation, local exhaust if vapor or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage

Storage conditions: Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents.

Packaging material: Law is followed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Personal protective equipment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Vapor respirator. Follow local and national regulations.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. A face-shield, if the situation requires.
Skin and body protection:	Protective clothing. Protective boots, if the situation requires.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C):	Liquid
Form:	clear
Color:	Colorless - Slightly pale yellow
Odor:	Characteristic
pH:	No data available
Melting point/freezing point:	-9 °C
Boiling Point/Range:	224 °C
Flash Point:	97°C
Explosive limits	
Lower:	No data available
Upper:	No data available
Vapor Pressure:	6Pa/20°C
Vapor Density:	5.24
Density:	1.19
Solubility:	Miscible with : Alcohol Glacial acetic acid Soluble in : Ether Chloroform and other organic solvents. Insoluble in: Water (0.07g/100mL 20°C)
log Pow =	2.55
Autoignition Temperature:	451°C

10. STABILITY AND REACTIVITY

Stability:	Stable under proper conditions.
Reactivity:	No special reactivity has been reported.
Incompatible materials:	oxidizing agents, strong bases
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	ihl-rat TCLo:18 mg/m ³ ori-chd LDLo:228 mg/kg ori-hmn LDLo:506 mg/kg ori-man LDLo:101 mg/kg ori-rat LD50:887 mg/kg ori-wmn LDLo:355 mg/kg
Skin corrosion/irritation:	skn-rbt 500 mg/24H MOD
Serious eye damage/irritation:	eye-rbt 500 mg/24H MLD
Germ cell mutagenicity:	mmo-sat 100 ug/disc (+S9)
Carcinogenicity:	
IARC =	No data available
NTP =	No data available
Reproductive toxicity:	ori-ham TDLo:1750 mg/kg(7D preg) ipr-rat TDLo:400 mg/kg(12D preg) scu-rat TDLo:500 mg/kg(10D preg) ori-rat TDLo:36450 mg/kg(multigenerations)
RTECS Number:	VO4725000

12. ECOLOGICAL INFORMATION

Ecotoxicity:	
Fish:	No data available
Crustacea:	No data available

12. ECOLOGICAL INFORMATION

Algae:	No data available
Persistence / degradability:	No data available
Bioaccumulative potential(BCF):	4
Mobility in soil	
log Pow:	2.55
Soil adsorption (Koc):	33 - 128
Henry's Law constant(PaM ³ /mol):	9.4 x 10 ⁻²

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

Hazards Class:	Does not correspond to the classification standard of the United Nations
UN-No:	Not Listed

15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

16. OTHER INFORMATION

The reference company name of written contents

Company:	TCI (Shanghai) DEVELOPMENT CO., LTD.
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