

ECAMSULE

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

1.1. Product identifier

Chemical Name: [2-[[4-[[7,7-dimethyl-3-oxo-4-(sulfomethyl)-2-bicyclo[2.2.1]heptanylidene]methyl]phenyl]methylidene]-7,7-dimethyl-3-oxo-4-bicyclo[2.2.1]heptanyl]methanesulfonic acid
INCI Name: TEREPHTHALYLIDENE DICAMPHOR SULFONIC ACID
Other names: Ecamsule, TDSA
MFCI Code: MFSORB 516
CAS No.: 90457-82-2
EC No.: 922-216-2
Reach Dossier Type: /
Registration number: /

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Personal care, cosmetic.

1.3. Details of the supplier of the safety data sheet

Manufacturer: MFCI Co., Ltd.
Contact address: 1941-4-1#, Hubin Avenue, Huangshi, Hubei, China
Telephone: +86-714-6516948
Fax: +86-714-6515778
E-mail: liu.hao@mfc.com.cn

1.4. Emergency telephone number

Opening hours: 8:30-17:30, Monday-Friday
Telephone: +86-714-6516948

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

H318

2.2. Label elements

Hazard Pictogram



Signal Word

Danger

Hazard Statements

H318- Causes serious eye damage

Precautionary statement(s)

P280-Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338-IF IN EYES: Rinse cautiously with water for

Several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310-Immediately call a POISON CENTER or doctor/physician.

Supplemental Hazard Statements

Not applicable.

2.3. Other hazards

No data available.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Name:	TDSA
CAS Number:	90457-82-2
EC-Number:	922-216-2
Purity:	≥98.0%

3.2. Mixtures

Not applicable

SECTION 4: First Aid Measures

4.1. Description of first aid measures

If inhaled

Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

If on skin

Wash skin with water.

If in eyes

Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

If swallowed:

Dry powder may result swelling in the throat, possibly causing blockage of the throat and choking. If the victim is conscious and alert, give 1-2 glasses of water to drink to prevent esophageal obstruction. Do not give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to person's condition and specifics of exposure.

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media

CO₂; Dry Chemical; Foam; Water Fog

5.2 Special hazards arising from the substance or mixture

Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels.

5.3 Advice for firefighters

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

5.4 Further information

Hazardous Combustion Products : Carbon monoxide, carbon dioxide, nitric dioxide, formaldehyde

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid eye contact. Do not take internally.

6.2 Environmental precautions

Not applicable.

6.3 Methods and materials for containment and cleaning up

Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

This product may present a dust explosion hazard. It is recommended that all dust control equipment and material transport system involved in handling of this product contain explosion relief vents or explosion suppression system or an oxygen deficient environment. In electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry area .Store in closed containers.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Engineering Controls

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure controls techniques may be used to effectively minimize employee exposures wet processing methods to reduce dust generation
Personal Protective

Respiratory protection

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentration and in accordance with the appropriate regulatory standards and /or industrial recommendations.

Hand protection

The use of gloves is recommended.

Eye protection

Wear safety glasses with side shields. Protect against dust and particulates.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Powder
Colour:	Yellowish

SAFETY DATA SHEET

Odour:	Negligible
pH:	9.0-11.0
Melting point:	No data available.
Boiling point:	No data available.
Density:	No data available
Vapour pressure:	No data available.
Partition coefficient (n-octanol/water):	No data available
Solubility(ies):	Soluble in hot water
Loss on Drying(105°C/2h):	≤2%
Flash point:	No data available.
Flammability:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2. Other information

No further information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No hazardous reaction if stored and handled as prescribed/indicated.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological Information

11.1 Possible Health Effects

Refer to Section 3.4

11.2 Carcinogenic Effects :

None.

11.3 Other Health Hazard Information :

None known applicable information.

SECTION 12: Ecological Information

12.1 Potential To Bio-accumulate: Unknown.

12.2 Aquatic Toxicity: None Established.

SECTION 13: Disposal Considerations

Product Disposal: Dispose of in accordance with local regulations.

Packaging Disposal: Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

SECTION 14: Transport Information

14.1. UN number

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID:

Not dangerous goods.

IMDG:

Not dangerous goods.

IATA:

Not dangerous goods.

14.3. Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4. Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5. Environmental hazards

ADR/RID: -

IMDG: -

IATA: -

14.6. Special precautions for user

ADR/RID: NO

IMDG: No

IATA: No

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No data available.

SECTION 15: Regulatory Information

15.1 Applicable Laws

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.

15.2 Chemical Inventories

AICS: All ingredients listed or exempt.

DSL: All chemical substances in this material are included on or exempted from the DSL.

IECSC: All ingredients listed or exempt.

MITI: All components are listed on ENCS or its exempt rule.

KECL: All ingredients listed, exempt or notified.

EINECS: All ingredients listed or exempt.

PICCS: All ingredients listed or exempt.

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SECTION 16: Other Information

SDS Creation Date: 12/1/2019

Revision #1

Date: 12/1/2019

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.