

## MATERIAL SAFETY DATA SHEET

Product Name: Dimethylmalonic acid

CAS No.: 595-46-0

Version: 0

**1. Identification**

**Product Code** : 93125  
**Company Name** : Advent Chembio Private Limited  
**Address** : W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701.  
**E-mail** : [info@adventchembio.com](mailto:info@adventchembio.com)  
**WEBSITE** : [www.adventchembio.com](http://www.adventchembio.com)  
**Company Phone Number** : 022-27690837

**2. Hazards Identification****Hazard classification**

Skin irritation : Category 2  
Eye irritation : Category 2  
Specific target organ toxicity - single exposure : Category 3

**Labels elements**

Hazard symbol



**Signal word** : Warning  
**Hazard statement** : Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
**Precautionary statement** : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

**3. Composition/information on ingredients**

**Ingredient** : NA  
**CAS No.** : 595-46-0  
**Percent** : NA  
**Formula** : C<sub>5</sub>H<sub>8</sub>O<sub>4</sub>  
**Molecular Weight** : 132.11 g/mol

**MATERIAL SAFETY DATA SHEET****Product Name:** Dimethylmalonic acid**CAS No.:** 595-46-0**Version:** 0**4. First Aid Measures****Description of first aid measures**

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- 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.
- Swallowed** : Get medical advice/attention if you feel unwell. Rinse mouth.
- Most important symptoms and effects, both acute and delayed** : No data available
- Indication of any immediate medical attention and special treatment needed** : No data available

**5. Fire fighting measures****Extinguishing media**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special hazards arising from the substance or mixture** : Carbon oxides
- Advice for firefighters** : Wear self contained breathing apparatus for firefighting if necessary.

**6. Accidental Release Measures**

- Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
- Environmental precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## MATERIAL SAFETY DATA SHEET

Product Name: Dimethylmalonic acid

CAS No.: 595-46-0

Version: 0

**7. Handling and storage**

- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure Controls / Personal Protection**

- Exposure limit** : No data available
- Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Personal protective equipment**
- Respiratory protection : Dust 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**

- Appearance** : White to almost white crystal powder.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 191 - 193 °C
- Initial boiling point and boiling range** : No data available
- Flash Point** : No data available
- Vapor pressure** : No data available
- Vapor density** : No data available
- Relative density** : No data available
- Solubility in water** : No data available
- Solubility (other)** : No data available

**10. Stability and Reactivity**

- Reactivity** : No data available
- Chemical stability** : Stable under recommended storage conditions.
- Possibility of hazardous reactions** : No hazardous reactivity has been reported.
- Conditions to avoid** : No data available
- Incompatible materials** : Bases, Oxidizing agents, Reducing agents
- Hazardous decomposition products** : Hazardous decomposition products formed under fire conditions. - Carbon oxides

**MATERIAL SAFETY DATA SHEET**

**Product Name:** Dimethylmalonic acid

**CAS No.:** 595-46-0

**Version:** 0

**11. Toxicological Information**

**Information on toxicological effects**

- Acute toxicity** : No data available
- Skin corrosion/irritation** : No data available
- Serious eye damage/eye irritation** : No data available
- Respiratory or skin sensitization** : No data available
- Germ cell mutagenicity** : No data available
- Carcinogenicity**
- IARC** : No data available
- NTP** : No data available
- OSHA** : No data available
- Reproductive toxicity** : No data available
- Route of Exposure** : No data available
- Signs and Symptoms of Exposure** : No data available

**12. Ecological Information**

- Toxicity** : No data available
- Persistence and degradability** : No data available
- Bioaccumulative potential** : No data available
- Mobility in soil** : No data available.
- Other adverse effects** : No data available.

**13. Disposal consideration**

- Disposal instructions** : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging** : Dispose of as unused product.

**14. Transport Information**

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant

**MATERIAL SAFETY DATA SHEET****Product Name:** Dimethylmalonic acid**CAS No.:** 595-46-0**Version:** 0

<b>DOT</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

**15. Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

**16. Other Information****Issue Date :**08/05/2017**Version : 0**

**Disclaimer:** This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. ADVENT CHEMBIO PRIVATE LIMITED makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the technical instructor in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of ADVENT CHEMBIO PRIVATE LIMITED and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).