I. PRODUCT AND COMPANY IDENTIFICATION

Company: Natural Advantage, LLC
Address: 1050 Cypress Creek Road Oakdale, Louisiana 71463
Phone: 318-215-1456
Fax: 318-335-1579
Product Name: Dimethyl Trisulfide, Natural
Chemical Name: Dimethyl Trisulfide
Product Number: NA3275

II. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquids: Category 3</td>
</tr>
<tr>
<td>Acute Toxicity, Oral: Category 4</td>
</tr>
<tr>
<td>Skin Irritation: Category 2</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity- single exposure, Respiratory System: Category 3</td>
</tr>
</tbody>
</table>

NFPA Hazard Rating:
- Health: 2
- Fire: 2
- Reactivity: 0

Labeling according to Regulation (EC) No 1272/2008 [CLP]:
- Pictogram:
  - Exclamation mark
  - Fire symbol

Signal word: Warning
Hazard statement:
- H226-Flammable liquid and vapor.
- H302-Harmful if swallowed.
- H315-Causes skin irritation
- H319-Causes serious eye irritation
- H335-May cause respiratory irritation

Precautionary statements:
- P210 Keep away from heat/sparks/open flames/hot surfaces.
- P233 Keep container tightly closed.
- P264 Wear protective gloves/protective clothing/eye protection/face protection.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P370+P378 If in case of fire: Use dry sand, dry chemical or water/mist/spray.
- P370+P378 Use non-foaming alcohol-resistant foam, dry chemical or water/mist/spray.
- P370+P381 If on skin (or hair): Remove/Take off immediately all contaminated clothing.
- P370+P378 If in eyes: Rinse cautiously with large amounts of water for at least 15 minutes.
- P381 In case of fire: Use dry sand, water/mist/spray.
- P381 Use non-foaming alcohol-resistant foam, dry chemical or water/mist/spray.
- P403+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If consciousness is lost, call a physician immediately.
- P403+P340 IF INHALED: Call a POISON CENTER immediately. If breathing is difficult, give oxygen. If consciousness is lost, call a physician immediately.
- P403+P340 IF INHALED: Call a POISON CENTER immediately. If breathing is difficult, give oxygen. If consciousness is lost, call a physician immediately.
- P403+P340 IF INHALED: Call a POISON CENTER immediately. If breathing is difficult, give oxygen. If consciousness is lost, call a physician immediately.
- P400+P314 If you feel unwell: Call a physician immediately (show label where available).

III. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: Dimethyl Trisulfide, Natural
Chemical Name: Dimethyl Trisulfide
Synonyms: Methyl Trisulfide
Formula: C6H12S3
Molecular Wt.: 126.27 g/mol
CAS#: 3658-80-8
EINECS#: 222-910-9

IV. FIRST AID MEASURES

Inhalation: Remove from the exposure to fresh air. Contact a physician as necessary. If breathing is irregular or has stopped, start resuscitation and administer oxygen if available.
Eye Contact: Flush immediately with clean water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact: Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water. If irritation persists, contact a physician.
Ingestion: Do NOT induce vomiting. Give water to dilute. Call a physician immediately.

V. FIRE-FIGHTING MEASURES

Flashpoint (Method Used): 56°C (133°F) (CC)
Lower Flammable Limit (% by Volume): Information Not Applicable
Upper Flammable Limit (% by Volume): Information Not Applicable
Extinguishing Media: Water spray, Alcohol-resistant foam, dry chemical or carbon dioxide
Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

Unusual Fire and Explosion Hazards:
- None

NFPA Hazard Rating:
- Health: 2
- Fire: 2
- Reactivity: 0

VI. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Ventilate area. Contain spill and recover free product. Report spill to appropriate authorities if required.
Waste Disposal Method: Place material into sealed containers and dispose of in accordance with current applicable laws and regulations.

EMERGENCY 24 HOUR CONTACT: ChemTrec 1-800-424-9300 Contract # 219030

customerservice@natadv.com

NA3275
DIMETHYL TRISULFIDE, NATURAL

SAFETY DATA SHEET

NATURAL ADVANTAGE, LLC

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be taken in handling and storing:
Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. Good manufacturing practices dictate that an eyewash fountain and/or safety shower should be available in the work area.

Other Precautions:
None.

VIII. CONTROL MEASURES

Occupational Exposure Limits:
Contains no substances with occupational exposure limit values.

Respiratory Protection:
None generally required. If desired use NIOSH approved respirator.

Ventilation:
Local exhaust meeting ACGIH criteria as needed.

Protective Gloves:
Use chemical resistant gloves.

Protective Eyewear:
Use splash goggles or face shield when eye contact might occur.

Other Protective Clothing or Equipment:
None required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 165-170°C (329-338°F) @ 760 mm Hg
Vapor Pressure (mm Hg): Information Not Available
Solubility in Water: Slightly Soluble
pH: Information Not Available
Flammability (solid, gas): Information Not Available
Autoignition temperature: Information Not Available
Viscosity: Information Not Available
Appearance: Clear Liquid

X. REACTIVITY DATA

Stability: Chemically Stable under recommended storage conditions.

Conditions to Avoid: Heat, flames, and sparks

Incompatibility with other Substance (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Sulphur oxides, carbon oxides.

Hazardous Polymerization: No

XI. TOXICOLOGICAL INFORMATION

Acute toxicity: Information Not Available
Serious eye damage/eye irritation: Serious irritation
Germ cell mutagenicity: Information Not Available
Specific target organ toxicity (single exposure): Inhalation-May cause respiratory irritation.
Aspiration hazard: May be harmful

Carcinogenicity: Dimethyl Trisulfide is not listed as carcinogenic by IARC, ACGIH, NTP, or OSHA.

XII. ECOLOGICAL INFORMATION

Toxicity: Information Not Available
Persistence and Degradation: Information Not Available
Bioaccumulative potential: Information Not Available
Mobility in soil: Information Not Available
PBT and vPvB assessment: Information Not Available
Other adverse effects: Information Not Available

XIII. DISPOSAL CONSIDERATIONS

Product:
Observe all federal, state, and local environmental regulations in disposing this material.

Contaminated packaging:
Dispose of as unused product.

XIV. TRANSPORTATION INFORMATION

DOT (US) Proper Shipping Name: UN Number: 1197
Class: 3
Marine pollutant: No
Packing Group: III
Poison Inhalation Hazard: No

IMDG Proper Shipping Name: UN Number: 1197
Class: 3
Marine pollutant: No
Packing Group: III

IATA Proper Shipping Name: UN Number: 1197
Class: 3
Packing Group: III

XV. REGULATORY INFORMATION

OSHA Hazards: Flammable Liquid, irritant
US Federal: TSCA: CAS# 99-85-4 is listed on the TSCA Inventory
California Prop. 65: This product does not contain any chemicals known to cause cancer, birth defects, or any other reproductive harm.
SARA 311/312: Fire Hazard, acute health hazard
Regulation: Complies with EC 1272/2008.

XVI. OTHER INFORMATION

SDS Creation Date:
08/29/10
SDS Revision #:
6
Revision Date:
05/11/2018

Liability Statement:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Natural Advantage, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.

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