



# Safety Data Sheet

Issue Date: 08-May-2020

Revision Date: 12-May-2020

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Code & Name** GST 526 Elephant Armor Cure

**Other means of identification**

**SDS #** GST-004

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Mortar / Concrete Cure.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

GST International, Inc.  
250 Cal Ln. Suite B  
Sparks, NV 89431  
Ph: 775-829-2626  
www.gstinternational.com

**Emergency telephone number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America) Contract #93918

## 2. HAZARDS IDENTIFICATION

**Appearance** White liquid

**Physical state** Liquid

**Odor** Characteristic hydrocarbon odor

**Classification**

Specific target organ toxicity (repeated exposure)

Category 1

**Signal Word**

**Danger**

**Hazard statements**

Causes damage to organs through prolonged or repeated exposure



**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical name   | CAS No    | Weight-% |
|-----------------|-----------|----------|
| Mineral Spirits | 8052-41-3 | 5        |
| Oleic Acid      | 112-80-1  | 0-2      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Get medical advice/attention if you feel unwell.   |
| <b>Eye Contact</b>    | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b>   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>     | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.   |
| <b>Ingestion</b>      | Rinse mouth. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a poison center or doctor/physician if you feel unwell.            |

**Most important symptoms and effects, both acute and delayed**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May cause eye and skin irritation. May cause respiratory irritation. May cause nausea, vomiting, stomach ache, and diarrhea. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water spray (fog). Halon. Foam, Dry Chemical, Carbon Dioxide.

**Unsuitable Extinguishing Media** Not determined.**Specific Hazards Arising from the Chemical**

Cool closed containers exposed to fire with water spray.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material.

**Methods for Clean-Up** Reclaim where possible. Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Wash face, hands and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Do not eat, drink or smoke when handling this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizing agents. Strong acids. Strong bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical name                | ACGIH TLV    | OSHA PEL  | NIOSH IDLH  |
|------------------------------|--------------|---|---|
| Mineral Spirits<br>8052-41-3 | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m <sup>3</sup> | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Maintain eye wash fountain and quick-drench facilities in work area.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear eye/face protection. Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** If necessary, wear a MSHA/NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |              |                       |                                 |
|-----------------------|--------------|-----------------------|---------------------------------|
| <b>Physical state</b> | Liquid       | <b>Odor</b>           | Characteristic hydrocarbon odor |
| <b>Appearance</b>     | White liquid | <b>Odor Threshold</b> | Not determined                  |
| <b>Color</b>          | White        |                       |                                 |

| <u>Property</u>                        | <u>Values</u>       | <u>Remarks • Method</u> |
|--|---------------------|-------------------------|
| pH                                     | 10.0 +/- 0.5        |                         |
| Melting point / freezing point         | Not determined      |                         |
| Boiling point / boiling range          | 137 °C / 280 °F     |                         |
| Flash point                            | > 93.3 °C / > 200   |                         |
| Evaporation Rate                       | 8                   |                         |
| Flammability (Solid, Gas)              | Not determined      |                         |
| Flammability Limit in Air              |                     |                         |
| Upper flammability or explosive limits | 7.5%                |                         |
| Lower flammability or explosive limits | 0.7%                |                         |
| Vapor Pressure                         | 11 mmHg             |                         |
| Vapor Density                          | 4                   |                         |
| Relative Density                       | 0.98                |                         |
| Water Solubility                       | Completely miscible |                         |
| Solubility in other solvents           | Not determined      |                         |
| Partition Coefficient                  | Not determined      |                         |
| Autoignition temperature               | Not determined      |                         |
| Decomposition temperature              | Not determined      |                         |
| Kinematic viscosity                    | Not determined      |                         |
| Dynamic Viscosity                      | 100 +/- 15 cps      |                         |
| Explosive Properties                   | Not determined      |                         |
| Oxidizing Properties                   | Not determined      |                         |

**Other information**

**Liquid Density** 8.1 +/- lbs/gal

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous decomposition products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | May cause temporary irritation on eye contact.          |
| <b>Skin Contact</b> | Prolonged contact may cause redness and irritation.     |
| <b>Inhalation</b>   | Do not inhale.  |
| <b>Ingestion</b>    | May cause nausea, vomiting, stomach ache, and diarrhea. |

**Component Information**

| Chemical name          | Oral LD50         | Dermal LD50 | Inhalation LC50 |
|------------------------|-------------------|-------------|-----------------|
| Oleic Acid<br>112-80-1 | = 25 g/kg ( Rat ) | -           | -               |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50 1,250,000.00 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

| Chemical name          | Algae/aquatic plants | Fish  | Crustacea |
|------------------------|----------------------|---|-----------|
| Oleic Acid<br>112-80-1 |                      | 205: 96 h Pimephales promelas<br>mg/L LC50 static |           |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

| Chemical name   | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|-----------------|------|-----------------------|----------|----------------|------|-------|------|-------|------|
| Mineral Spirits | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |
| Oleic Acid      | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Mineral Spirits<br>8052-41-3 | X          | X             | X            |
| Oleic Acid<br>112-80-1       |            |               | X            |

**16. OTHER INFORMATION**

**NFPA**

**Health Hazards**

**Flammability**

**Instability**

**Special Hazards**

2

1

0

Not determined

**HMIS**

**Health Hazards**

**Flammability**

**Physical hazards**

**Personal Protection**

2

1

0

X

**Issue Date:** 08-May-2020  
**Revision Date:** 12-May-2020  
**Revision Note:** New product

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**