Safety Datasheet

Section 1—Chemical Product and Company Identification

**Product Identifier:** Acetic Acid 26  
**Product Use:** Laundry cleaner  
**Supplier:** FabriClean, 8301 Ambassador Row, Dallas, Texas 75247, tel 214-826-4161.  
**Emergency Contact:** Chemtrec, 800-424-9300.

Section 2—Hazards Identification

**Physical Hazards:** Not Classified as Hazardous  
**Health Hazards:** Eye Corrosion: 1  
**Skin Corrosion:** 1  
**Environmental Hazards:** Acute Aquatic Toxicity: 3  
**Chronic Aquatic Toxicity:** 3

**Signal Word:** DANGER

**Symbols:**

**Hazard Statements:** Causes severe skin burns and serious eye damage.

**Precautionary Statements:** Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection. Avoid release to the environment.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor. Store locked up.

Dispose of contents and container in accordance with local, regional, national, international regulations.

**Other Hazards:** None found.

**Unknown Ingredients:** N/D

Section 3—Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Ingredient Percentage</th>
<th>Ingredient CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid</td>
<td>10-30</td>
<td>64-19-7</td>
</tr>
<tr>
<td>Product as a Whole</td>
<td>100</td>
<td>N/D</td>
</tr>
</tbody>
</table>
Section 4—First Aid Measures

**Skin contact:** If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a doctor.

**Eye contact:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

**Ingestion:** If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.

**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

**Most important symptoms/effects, acute and delayed:** N/D

**Indication of immediate medical attention/special treatment:** N/D

Section 5—Fire-Fighting Measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use water spray to cool unopened containers.

**Specific hazard arising from chemicals:** N/D

**Special equipment and precautions:** Wear self-contained breathing apparatus for firefighting if necessary.

Section 6—Accidental Release Measures

**Personal precaution, protective equipment, emergency procedures:** Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

**Methods and material for containment and clean up:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

Section 7—Handling and Storage

**Precautions for safe handling:** Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

**Cautions for safe storage:** Store locked up.

**Incompatibilities:** Slightly reactive to reactive with oxidizing agents, reducing agents, metals, acids, alkalis.

Section 8—Exposure controls/personal protection

**Exposure Limits:** N/D

**Specific Engineering:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

**Individual protective equipment and measures:** Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.
Section 9—Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State: Liquid</th>
<th>Flammability (solid, gas): Not Flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color: Clear, colorless</td>
<td>Vapor Pressure (mmHg): The highest known value is 2.3 kPa (@ 20°C) (Water). Weighted average: 2.1 kPa (@ 20°C)</td>
</tr>
<tr>
<td>Odor: Strong</td>
<td>Vapor Density (air= 1): The highest known value is 2.07 (Air = 1) (Acetic acid). Weighted average: 0.98 (Air = 1)</td>
</tr>
<tr>
<td>Odor Threshold: N/D</td>
<td>Relative Density: 1.01</td>
</tr>
<tr>
<td>Melting point/freezing Point: May start to solidify at 16.6°C (61.9°F) based on data for: Acetic acid.</td>
<td>Partition Coefficient: N/D</td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range: The lowest known value is 100°C (212°F)</td>
<td>Auto-Ignition Temperature: N/D</td>
</tr>
<tr>
<td>Flash Point: N/D</td>
<td>Decomposition Temperature: N/D</td>
</tr>
<tr>
<td>Evaporation Rate: N/D</td>
<td>Viscosity: N/D</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive limits: N/D</td>
<td></td>
</tr>
</tbody>
</table>

Section 10—Stability and Reactivity:

<table>
<thead>
<tr>
<th>Chemical Stability: Stable</th>
<th>Condition to Avoid: N/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity: Reacts violently with strong oxidizing agents, acetaldehyde, and acetic anhydride. Material can react with metals, strong bases, amines, carbonates, hydroxides, phosphates, many oxides, cyanides, sulfides, chromic acid, nitric acid, hydrogen peroxide, carbonates. ammonium nitrate, ammonium thiosulfate, chlorine trifluoride, chlorosulfonic acid, perchloric acid, permanganates, xylene, oleum, potassium hydroxide, sodium hydroxide, phosphorus isocyanate, ethylenediamine, ethylene imine. (Acetic acid)</td>
<td>Possibility of Hazardous Reaction: Hazardous Polymerization: will not occur.</td>
</tr>
<tr>
<td>Incompatible Materials: Slightly reactive to reactive with oxidizing agents, reducing agents, metals, acids, alkalis.</td>
<td>Hazardous Decomposition Products: N/D</td>
</tr>
</tbody>
</table>

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid</td>
<td>1,893 mg/kd</td>
<td>N/D</td>
<td>N/D</td>
</tr>
<tr>
<td>Product as a Whole</td>
<td>3,981 mg/kg</td>
<td>N/D</td>
<td>N/D</td>
</tr>
</tbody>
</table>
**Important symptoms:** Refer to Section 4—First Aid Measures.

**Effects of Acute Exposure:** Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive). Slightly hazardous in case of inhalation (lung sensitizer). Non-corrosive for lungs. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Effects of Chronic Exposure:** N/D

**Carcinogenicity:** IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

**Other Data:** N/D

**Section 12—Ecological Information:**

**Ecotoxicity:** Harmful to aquatic life with long lasting effects

- Acetic Acid (64-19-7): LC50 fishes 1.75 mg/l (96 h; Lepomis macrochirus)
- EC50 Daphnia 1 47 mg/l (24 h; Daphnia magna; Not neutralized)
- EC50 other aquatic organisms 1 > 5000 mg/l (5 h; Activated sludge)
- LC50 fish 2 94 mg/l (96 h; Oryzias latipes)
- EC50 Daphnia 2 95 mg/l (24 h; Daphnia magna; Static system)
- Acetic Acid (64-19-7)
- TLM fish 1 100 ppm (96 h; Carassius auratus)
- Threshold limit algae 1 90 mg/l (192 h; Microcystis aeruginosa; Neutralized)
- Threshold limit algae 2 4000 mg/l (192 h; Scenedesmus quadricauda; Neutralized)

<table>
<thead>
<tr>
<th>Persistence and degradability: N/D</th>
<th>Bioaccumulative Potential: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility in Soil: N/D</td>
<td>Other Adverse Effects: N/D</td>
</tr>
</tbody>
</table>

**Section 13—Disposal Considerations**

**Waste Treatment Method:** Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

**Section 14—Transport Information**

<table>
<thead>
<tr>
<th>UN number: UN 2790</th>
<th>UN proper shipping name: Acetic acid solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es) : 8</td>
<td>Packing group if applicable: III</td>
</tr>
</tbody>
</table>
Environmental hazards: Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):

Section 15—Regulatory information
No information found.

Section 16—Other Information

Key to Abbreviations:
no info  not determined, no information found
N/D  not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: H=2, F=0, I=0, S=None.

Suggested HMIS rating: H=3, F=0, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability 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 we have been advised of the possibility of such damages.