

Safety Data Sheet

According to OSHA Hazard Communication Standard (29 CFR 1910.1200)

1. Identification

Trade Name: Freedom Clean 1776 – All Purpose Degreaser Concentrate

Product Code: 0003

Supplier: Freedom Clean 1776, PO BOX 126301, Benbrook, TX 76126

Emergency Phone: Chemtrec 1-800-424-9300 (CCN 726066) or 1-703-527-3887

2. Hazard Identification

GHS Classification: Skin Corrosion Category 1B, Eye Damage Category 1

Signal Word: Danger

Hazard Statements: Causes severe skin burns and eye damage.

3. Composition/Information on Ingredients

CAS #	Chemical Name	% Range (w/w)
7732-18-5	Water	70–78%
111-76-2	2-Butoxyethanol (Glycol Ether EB)	3–5%
10213-79-3	Sodium Metasilicate Pentahydrate	2–4%
1310-73-2	Sodium Hydroxide (Caustic Soda)	4–6%
68439-46-3	Alcohols, C9-11, ethoxylated (Nonionic Surfactant)	4–6%
68604-71-7	Fatty acids, coco, reaction products	4–6%
1643-20-5	Octadecylamine oxide	1–3%
9016-45-9	Nonylphenol Ethoxylate (Fragrance carrier)	1–3%

4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present. Seek medical attention immediately.

Skin Contact: Immediately wash with plenty of soap and water. Remove contaminated clothing. Seek medical attention for burns or irritation.

Inhalation: Move person to fresh air. If breathing is difficult, seek immediate medical attention.

Ingestion: Do not induce vomiting. Rinse mouth and drink water. Seek immediate medical attention.

5. Firefighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide, foam.

Hazards: Product is not flammable, but decomposition can release irritating fumes.

Protective Equipment: Firefighters should wear full protective gear and self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Avoid contact with skin, eyes, and clothing. Wear protective equipment.

Environmental Precautions: Prevent entry into drains, soil, or waterways.

Methods for Cleaning Up: Absorb with inert material. Neutralize with dilute acid if safe to do so. Dispose in accordance with regulations.

7. Handling and Storage

Handling: Use only with protective equipment. Avoid breathing vapors or mist.

Storage: Store tightly closed in a cool, dry, ventilated place. Keep away from acids.

8. Exposure Controls/Personal Protection

Protective Equipment: Chemical splash goggles, alkali-resistant gloves, apron, and adequate ventilation.

9. Physical and Chemical Properties

Appearance: Clear liquid

Odor: Mild lime fragrance

pH: 12.5 – 13.5

Density: ~1.05 g/cm³

Solubility: Fully miscible in water

10. Stability and Reactivity

Stable under normal conditions. Avoid acids and oxidizers.

11. Toxicological Information

Causes severe burns to skin and eyes. Harmful if swallowed or inhaled at high concentrations.

12. Ecological Information

Toxic to aquatic organisms at high concentrations. Surfactants biodegradable.

13. Disposal Considerations

Dispose in accordance with local, regional, and federal regulations. Neutralize before disposal if possible.

14. Transport Information

DOT: Corrosive Liquid, Basic, Inorganic, N.O.S. (contains sodium hydroxide, sodium metasilicate), UN3266, Class 8, PG II. However, when packaged in containers ≤ 1 L (33.8 oz), including 24 oz bottles, product qualifies for Limited Quantity exemption under 49 CFR §173.154. Such packaging is not subject to full hazmat labeling/placarding requirements but must display the Limited Quantity mark on outer packaging.

15. Regulatory Information

All ingredients listed on TSCA. No Prop 65 concerns.

16. Other Information

Prepared 08/17/2025. This SDS is based on current knowledge and is not a guarantee of product properties.