

Safety Data Sheet

According to OSHA Hazard Communication Standard (29 CFR 1910.1200)

1. Identification

Trade Name: Freedom Clean 1776 – Heavy Duty Degreaser

Product Code: 0002

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 Irritation Category 2, Eye Irritation Category 2A

Signal Word: Warning

Hazard Statements: Causes skin and eye irritation.

3. Composition/Information on Ingredients

CAS #	Chemical Name	% Range (w/w)
7732-18-5	Water	85–93%
111-76-2	2-Butoxyethanol (Glycol Ether EB)	0.5–2%
10213-79-3	Sodium Metasilicate Pentahydrate	0.3–1.5%
1310-73-2	Sodium Hydroxide (Caustic Soda)	0.5–2%
68439-46-3	Alcohols, C9-11, ethoxylated (Nonionic Surfactant)	0.5–2%
68604-71-7	Fatty acids, coco, reaction products	0.5–2%
1643-20-5	Octadecylamine oxide	0.2–1%
9016-45-9	Nonylphenol Ethoxylate (Fragrance carrier)	0.2–1%

4. First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical advice if irritation persists.

Skin Contact: Wash with soap and water. If irritation develops, seek medical attention.

Inhalation: Move person to fresh air. If symptoms persist, call a doctor.

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

5. Firefighting Measures

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

Hazards: Product is non-flammable under normal conditions.

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

6. Accidental Release Measures

Personal Precautions: Avoid eye and skin contact. Wear appropriate protective equipment.

Environmental Precautions: Prevent entry into drains or waterways.

Methods for Cleaning Up: Absorb with inert material and dispose in accordance with local regulations.

7. Handling and Storage

Handling: Use protective equipment. Avoid contact with eyes and skin.

Storage: Store tightly closed in a cool, dry, well-ventilated area.

8. Exposure Controls/Personal Protection

Protective Equipment: Safety glasses, gloves, adequate ventilation recommended for bulk handling.

9. Physical and Chemical Properties

Appearance: Clear liquid

Odor: Mild lime fragrance

pH: 12.0 – 13.0

Density: ~1.0 g/cm³

Solubility: Fully miscible in water

10. Stability and Reactivity

Stable under normal conditions. Avoid strong acids and oxidizers.

11. Toxicological Information

Causes moderate irritation to skin and eyes. Not classified as carcinogenic.

12. Ecological Information

Slightly hazardous to water. Surfactants biodegradable.

13. Disposal Considerations

Dispose in accordance with local regulations. Do not discharge to drains.

14. Transport Information

Not regulated as dangerous goods by DOT, IATA, IMDG.

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.