



# A+ Heavy Duty Degreaser

## Material Safety Data Sheet

### Section 1: Chemical Product and Company Identifications

Product Name: A+ Heavy Duty Degreaser  
Manufacturer's Name: A Plus Lab  
Address: 3921 81 Ave #104, Leduc, AB T9E 8S6  
Tel: 780-800-0234  
Soil Remover  
Applications: Grease, Oil and Soil remover  
Date of MSDS: July, 2024  
Telephone Number of Preparer: 519-701-3581

### Section 2: Composition / Information on Ingredients

Active Ingredients	Percentage (w/v)	CAS Number
Sodium Hydroxide	5%-10%	1310-73-2
Sodium Meta Silicate	1%-5%	6834-92-0
Lauramine Oxide	1%-5%	1643-20-5
2-Ethoxyethanol	1-5%	110-80-5

### Section 3: Hazardous Identification

**Potential Health Effects:** Skin Corrosion/ Irritation Category 2

**Likely Routes of Exposure:** Eye contact, skin contact, inhalation

**Eye Contact:** Causes severe irritation/ Eye damage Category 1

**Skin Contact:** May cause sever irritation

**Inhalation:** May cause nose, throat, and respiratory tract irritation

**Ingestion:** Likely to be toxic, may cause vomiting, headache, or other medical problems.

**Medical Conditions Aggravated By Exposure:** Causes skin burns.Serious damage to mouth, throat and stomach

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

### Section 4: First Aid Measures

**Eye Contact:** In case of contact, thoroughly flush eyes with plenty of water for at least 10 minutes. If irritation persists, get medical attention immediately.

**Skin Contact:** In case of contact, thoroughly flush skin with plenty of water for at least 10 minutes. Remove contaminated clothing and shoes. If irritation persists, get medical attention. Clean contaminated clothing and shoe before reuse.

**Inhalation:** If inhaled, get fresh air immediately. If the affected person is not breathing, apply artificial respiration. Immediately call a physician or poison control center.

**Ingestion:** Immediately call a physician or poison control center. Give one or two glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**General:** As with any chemical, employees should thoroughly was hands with soap and water after handling this material.

### Section 5: Fire Fighting Measures

**Suitable Extinguishing Media:** Carbon dioxide, foam, or dry chemical. Caution: Carbon dioxide will displace air in confined spaces and may crate an oxygen deficient atmosphere.

**Unsuitable Extinguishing Media:** Water.

**Products of Combustion:** Forms acrid fumes, carbon monoxide, carbon dioxide, and oxides of nitrogen.

**Protection of Firefighters:** Vapors may be irritating to eyes, skin, and respiratory tract. Firefighters should wear self-contained breathing apparatus (SCBA) and full fire-fighting turnout gear.

## Section 6: Accidental Release Measures

**Personal Precautions:** Use personal protection recommended in Section 8. Product is slippery when spilled. Isolate the hazard area. Deny entry to unnecessary and unprotected personnel.

**Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways.

**Methods for Containment:** Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material.

**Methods for Clean Up:** Eliminate all ignition sources. Absorb spill with inert material like sand, earth and diatomaceous .

## Section 7: Handling and Storage

**Handling:** Avoid contact with eyes. Wash hand thoroughly after handling. Do not handle or store near an open flame. Keep the container closed when not in use. Empty container may contain hazardous product residues.

**Storage:** Store in cool, dry, well-ventilated area. Keep container tightly closed. Store in accordance with good industrial practices. Avoid storage with materials that are incompatible.

**Storage Pressure:** Atmospheric

## Section 8: Exposure Controls / Personal Protection

**Engineering Controls:** Provide ventilation. Keep away from sparks and flames.

**Respiratory Protection:** Not normally required. If adequate ventilation is unavailable, use NIOSH approved air-purifying respirator with organic vapor cartridge or canister.

**Skin Protection:** Nitrile gloves are recommended. Boots, apron, or bodysuits should be worn as necessary.

**Eyes/Face Protection:** Safety glasses with side shields or chemical goggles.

**General Hygiene Considerations:** Wash hands thoroughly after handling. Have eyewash facilities immediately available.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Ether like odor
<b>PH:</b>	12.5-13.5 (Concentrated solution)
<b>Specific Gravity:</b>	1.05-1.1
<b>Boiling Point:</b>	Not Available
<b>Freezing / Melting Point:</b>	Not Available
<b>Vapour Pressure:</b>	Not Available
<b>Vapour Density:</b>	Not Available
<b>% Volatile by Volume:</b>	Not Available
<b>Evaporation Rate:</b>	Medium to fast
<b>Solubility in Water:</b>	Excellent
<b>VOCs:</b>	Not Available
<b>Viscosity:</b>	Not Available
<b>Molecular Weight:</b>	Not Available

## Section 10: Stability and Reactivity

Stable at normal conditions.

**Conditions of Instability:** Excess heat, incompatible materials.

**Incompability with Various Substances:** Acids

**Materials to Avoid:** Contact with strong acids.

## Section 11: Toxicological Information

**Routes of Entry:** Inhalation, Ingestion

**Toxicity to Animals:**

**Acute Oral Toxicity ( LD50 ):** 500mg/kg (Rat) Demal (LD 50) 2000MG/KG (Rabbit)

**Chronic Effects on Humans:** Sever burning on skin

**Other Toxic Effects on Humans:** Not Available

**Hazardous in Case of Inhalation:** Hazardous in case of ingestion.

**Special Remarks on Toxicity to Animals:** Not Available

**Special Remarks on Chronic:**

**Effects on Humans:** Not Available

### Section 12: Ecological Information

**Ecotoxicity:** Not Available

**BOD and COD:** Not Available

**Products of Biodegradation:** Readily Biodegradable

**Aquatic Toxicity:** Toxic to aquatic organisms.

### Section 13: Disposal Considerations

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14: Transport Information

Special Provisions for Transport: UN number 1824 Transport Hazardous class 8 Packaging group II

### Section 15: Regulatory Information

**WHMIS Hazardous Class:** Corrosive Material Health 3 Flammability 1



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#### Terms and Conditions.

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