# THUNDERBOLT HD #2223407/2182905
## Heavy-Duty Industrial Cleaner/Degreaser

**Features:**
- Concentrated liquid
- Fast acting
- Acid-Free
- Biodegradable
- Available in 1 gallon (2223407) & 5 gallon pail (2182905)

**Description:**
THUNDERBOLT HD is a liquid compound specifically formulated for specialized heavy-duty cleaning requirements. The formulation includes emulsifiers and solvents in highly concentrated form and is compounded so that high alkalinity is maintained in spite of dilution. It is an excellent concrete cleaner and may also be used to clean air filters, exhaust hoods, conveyers, boiler rooms, and road equipment. THUNDERBOLT HD may also be utilized in dip tanks for any metal cleaning process other than aluminum.

**Applications:**
- Brick
- Concrete
- Engines
- Air Filters
- Houses
- Exhaust Hoods
- Vehicles
- Conveyors
- Boiler Rooms
- Road Equipment

**Product Characteristics:**

| | |
|---|---|
| Physical State: | Liquid |
| Color: | Red/clear |
| Odor: | solvent |
| Specific Gravity: | 1.01 |
| Vapor Pressure: | Unknown |
| Solubility: | Complete |
| Boiling Point: | 212°F |
| pH: | 12.5-13.5 |
| Storage: | Store in a cool dry place. Keep container closed when not in use. Store locked up. |
| **Transport Information:** | |
| UN Number: | UN1760 |
| Proper Shipping Name: | Corrosive Liquid, N.O.S. |
| Class: | 8-Corrosive |
| Packing Group: | III |

**Directions:**

**WALLS:** Mix 1-12 and spray on, holding sponge underneath to prevent solution from running down and leaving clean streaks. On larger areas clean from bottom to top.

**WAX REMOVAL:** Mix 1-10 with hot water. Apply to floor generously and wait 5 minutes, then scrub with a nylon brush or scrub brush.

**VINYL UPHOLSTERY:** Mix 1-8 in sprayer depending on condition and porosity of vinyl. Spray, wait 90 seconds and wipe dirt away.

**DEGREASING:** Fast, safe and economical. Mix up to 1-10 and apply to motors, machinery or fleet equipment. Allow several minutes for penetration, then wash with hose or power sprayer.

**DOT Placard:**
Not available.

**VOC Compliancy:**
Not available.

**Pictograms:**



**Signal Word:**
DANGER.

**Personal Protective Equipment Required:**