

### FT250 Heavy Duty Detergent

Page 1 of 2

FT250 is a highly concentrated liquid chemical cleaner specifically formulated for specialized heavy duty concrete floor cleaning requirements, prior to the application of polymeric coating and resurfacers. This cleaner is formulated to include low foaming emulsifiers and degreasing builders in a high concentration and is compounded so high alkalinity is maintained throughout various dilutions.

#### I. IDENTIFICATION

Manufacturer Phone: 1.800.637.7793  
Trade Name: FT250 Heavy Duty Detergent  
Product Type: Washing compound or soap. Complies with 29CFR 1910.1200 (The Hazard Communication Standard).  
DOT Shipping Name:  
Emergency Phone:

#### II. HAZARDOUS INGREDIENTS

INGREDIENTS:	WEIGHT %	CAS #	TLV TWA	TLV STEL	OSHA PEL	CEILING	RECOMMEND
PROPRIETARY ADDITIVE		Trade secret	2.0 mg/cu m	Not Established	Not Established	2.0 mg/cu m	Not Established
*ETHYLENE GLYCOL MONOBUTYL ETHER ETHANOL, 2 BUTOXYETHANOL-	<5%	111-76-2	20.00 (1)	Not Established	Not Established	Not Established	Not Established

Chemicals noted with a "\*" are reportable under section 313 of SARA Title III.

- (1) p.p.m. for Skin  
(2) Glycol Ether see section 5.

#### III. PHYSICAL DATA

**Boiling Range:** 212°F  
**Vapor Density:** 4.1  
**Vapor Pressure:** mmHg 24.0 @ 77°F  
**Specific Gravity:** 1.08  
**Solubility in Water:** Yes  
**Evaporation Rate:** .4  
**% Volatile by Volume:** 85.07%  
**pH of 1% Solution:** 13

#### IV. FIRE AND EXPLOSION HAZARD DATA

**Flash Point TCC/PM:** NA  
**Lower/ Upper Explosive Limit:** NA  
**Auto Ignition:** NA  
**Sensitivity to Impact:** None  
**Sensitivity to Static Discharge:** NA  
**Extinguishing Media:** NA  
**Special Firefighting Procedures:** Fire fighters must wear self contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS INCLUDE: Closed containers may explode due to build-up of pressure when exposed to heat.

#### V. HEALTH AND SAFETY

**Threshold Limit Value:** Not required for mixture.  
**Effects of Overexposure:**  
Eyes: Contains materials that may cause eye irritation, burns, delayed irritation, may cause blindness and/or corneal damage.  
Skin: Can be absorbed through the skin which may be harmful. Contact causes burning sensations, inflammation, burns and blisters.  
Inhalation: Harmful if inhaled. May affect the brain, nervous system or respiratory system causing dizziness, headache, nausea or respiratory irritation.

# FT250 Heavy Duty Detergent

## Material Safety Data Sheet

Page 2 of 2

(Continued from page 1)

Ingestion:

If swallowed, may cause irritation and/or burns in the mouth, throat, esophagus and stomach. Causes burning sensations, inflammation, burns and blisters in the mouth, throat and digestive tract. Profound damage to tissue. Causes irritation to gastrointestinal tract as well as lung injury, nausea and vomiting. Possible sensitization. Contains glycol ether, which has been shown to cause blood damage in laboratory animals. Contains ingredients considered to be toxic. Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains ingredients that are corrosive

**Chronic Exposure:**

**Medical Conditions Generally Aggravated by Exposure:** Any respiratory or skin condition.

**Emergency and First Aid Procedures:**

Eyes:

Flush immediately with plenty of water for at least fifteen minutes and get medical attention.

Skin:

Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

Inhalation:

If inhaled, remove to fresh air.

Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## **VI. REACTIVITY DATA**

**Conditions To Avoid:**

None

**Hazardous Decomposition Products:** Carbon monoxide/dioxide, sulfur oxides

**Hazard Polymerization:**

Will not occur

**Incompatibility:**

NA

**Stability:**

Stable

## **VII. SPILL OR LEAK PROCEDURES**

Ventilate area. Remove spills with inert absorbent.

Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, State and Federal regulations.

## **VIII. SAFE HANDLING AND USE INFORMATION**

**Respiratory Protection:**

If misted use NIOSH approved respirator with filter suited for TLV.

**Ventilation:**

Required when spraying or applying in confined area.

**Protective Clothing:**

While dispensing product before dilution protect eyes and skin by wearing chemical resistant gloves, impervious clothing and shoes. Wear chemical goggles with splash shields (or face shields). After dilution protect hands with impervious gloves and if there is a potential for splashing wear safety goggles with splash shields. If the product is sprayed and airborne mist or vapor is present wear a NIOSH/MSHA approved respirator. Use normal work clothing covering arms and legs. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

## **IX. SPECIAL PRECAUTIONS**

**Precautions to be Taken in Handling and Storage:** Keep away from heat, sparks and open flames. Keep container closed when not in use. Do not store above 120°F. Based on the product flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106.

## **SAFETY STATEMENT**

The information presented is believed to be accurate, but is not warranted to be whether originating from manufacturer or not. Recipients are advised to confirm in advance, that the information is current, applicable, and relative to their individual circumstance.