

Supplied By:



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# Material Safety Data Sheet

**EMERGENCY PHONE:**  
**1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Section 1: Product Identification

**Product Name:** LT-77 DEGREASER

**Product Number:** K777

**Product Use:** Alkaline Cleaner

**DOT Classification:** Not Regulated

**Proper Shipping Name:** Not Regulated

**UN# or NA#:** N/A

2 Health	Hazard Rating 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant	H.M.I.S  Abbreviation Key: N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
0 Fire		
0 Reactivity		
c Maximum Personal Production		

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

## Section 2: Hazardous Ingredient Information

### Hazard Chemical Identity

	%	TLV (Units)
Sodium Metasilicate 6934-92-0	<5%	1mg/m3
Potassium Hydroxide 1310-58-3	<5%	1mg/m3
*Ethylene Glycol Monobutyl Ether 111-76-2	<10%	25 ppm

Carcinogens: None Suspected

\*Notification of these chemicals is required by sara title III section 313. You may be required to report these chemicals accordingly.

## Section 3: Physical Data

**Color:** Fluorescent Green/Yellow

**Odor:** Odorless **Physical State:** Liquid

**Boiling Point (f):** >200° F **Solubility in Water:** Soluble

**Vapor Pressure (mmHg):** N/E **Vapor Density (Air=1):** N/E

**% Volatile by Volume:** <10%

**Specific Gravity (Water=1):** 1.0

**Evaporative rate (N-Butylacetate=1):** N/E

**Freezing/Melting Point (Deg/F):** N/E

**pH of Solution:** >8 **Heat of Solution:** N/A

## Section 4: Fire and Explosion Hazard Data

**Flash Point (Method Used):** Non-Flammable

**Flammable Limits: LEL:** N/A **UEL:** N/A

**Extinguishing Media:** Use appropriate extinguishing media for the surrounding fire 3-3 3-4

**Special Fire Fighting Procedures:** Self-Contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals. 4-4 4-5

**Unusual Fire & Explosion Hazards:** N/E

## Section 5: Reactivity Data

**Stability:** Stable

**Incompatibility (Materials to Avoid):** N/E

**Hazardous Decomposition Products:** N/E

**Hazardous Polymerization:** No

**Conditions to Avoid:** N/E

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

## Section 6: Toxicological Properties

**Threshold Limit Value:** N.E.

**Overexposure Effects/Comments**

**Exposure Limits/Data:** Osha: N/E ACGIH: N/E

**Others Effects/Data**

**Eyes:** Irritation

**Skin:** Irritation

**Ingestion:** Nausea, Vomiting

**Inhalation:** N/E

## Section 7: Preventative and Control Measures

**Respiratory Protection (Specify Type):** None normally needed

**Ventilation:** Local

**Special:** To prevent skin contact.

**Protective Gloves:** Impervious

**Eye Protection:** Safety glasses or goggles or face masks.

**Other Protective Equipment:** Eyewash and shower for emergency use should be located in the working area.

**Spill or Leak Procedures:** Wear necessary personal protective equipment. Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state and local regulations.

## Section 8: Emergency First Aid Procedures

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention.

**Skin:** Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists.

**Ingestion:** Give large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep head lower than lungs to prevent aspiration of chemical into lungs. Never give anything by mouth to unconscious person. Seek immediate medical attention.

**Inhalation:** Remove victim to fresh air.

## Section 9: Empty Container Information

**Empty Container Information:** Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

## Section 10: Preparation Information

**Prepared By:** Regulatory Affairs Department

**Phone:** 812-336-4817

**Date of Preparation:** October, 2004

# LT77 Degreaser

## Technical Data Sheet



### Heavy Duty



**Degreaser,  
Floor  
Cleaner,  
General  
Purpose  
Cleaner**

**Cleans away  
toughest  
grease**

### Product Description

LT-77 is a powerful degreaser for institutional facilities. Heavy-duty alkaline detergents and solvents penetrate heavy grease build-up and dirt. Use on your unwaxed floors, concrete, walls and equipment.

### Use Directions

For general cleaning and degreasing:

Light Soil: 2 ounces per gallon of water.

Medium Soil: 4 ounces per gallon of water.

Heavy Soil: 8 ounces per gallon of water.

For cleaning concrete: 12 ounces per gallon of water.

For cleaning painted surfaces: 4 ounces per gallon of water.

For cleaning equipment, ovens or metal: 4 ounces per gallon of water.

Dilution will vary depending on soil conditions, water temperature and type of surface that is being cleaned.

For cleaning wax floors: 8 ounces per gallon of water.

### Areas of Use

Simply dilute this product with water. Dilution ratio may be varied to meet virtually any soil condition. Hot water will speed the cleaning action of the product. Sponge, mop or spray the solution on the surface to be cleaned and allow the full chemical action to work for several minutes. For most soil conditions this will be sufficient. If surface is extremely soiled allow product to stand for 5 minutes; then agitate with a brush. When used on food contact surfaces, it must be followed with a potable water rinse in accordance with USDA practices.

### Safety Precautions

Wear Safety Goggles!

Caution! May cause irritation to eyes. May cause gastrointestinal irritation. Read label and MSDS for complete list of hazards and safety precautions. Keep this product and all chemicals out of the reach of children.

### Shipping Classification

Not Regulated

### Packaging

4 / 1 gallon case

### Properties

**COLOR:** Yellow/Green  
**BOILING POINT:** >200-F  
**PH CONCENTRATE:** >8  
**SPECIFIC GRAVITY:** 1.00