



# TECHNICAL DATA SHEET

## SMASH Degreaser

**DESCRIPTION:** SMASH is a revolutionary blend of water soluble components, surfactants, and detergents that gives new meaning to the term "all purpose cleaner, degreaser." Designed especially for the toughest cleaning jobs, its unique formulation outperforms the leading heavy duty products offered today.



### Advantages:

Superior "non-butyl" formula is completely water soluble. Easily mixed by hand or automatic metering system.

Unique soil suspension property guarantees easy risibility. Leaves no film when job is done.

Nonflammable. Contains no petroleum solvents.

Highly concentrated. Use at dilutions from 1:1 to 1:128 with water depending on soil conditions.

Lemon scented. Give pleasant fresh fragrance during use.

### Specifications:

Physical Form	Clear liquid
Color	Yellow-Green
Scent	Lemon
Specific Gravity	1.04
Foam Test	Initial — 40mm
1% Solution	5 minutes — 35mm
pH Solution As Is	12.5
pH 2%	11.8
Activity Alkalinity	1.2%
Total Alkalinity	2.83%
Total Solids	6.0%
Biodegradable	Yes

### Directions:

**Extremely Versatile:** SMASH should be diluted with water to the desired strength for the job. Apply by spraying, wiping, brushing, dipping, or soaking.

**Kitchens:** Use diluted with water form 1:5 to 1:20 on floors walls, countertops, ovens, grills, and air filters.

**General Cleaning:** Dilute from 1:20 to 1:60 for tile floors, painted walls, carpet and upholstery spotting, vinyl, leatherette, plastic, procelain, ceramic, boats, woodwork, and painted exterior siding.

**For Engine Degreasing and as a Parts Wash:** Dilute 1:1. Brush or spray onto surface, allow to penetrate soil, then rinse thoroughly with clear water.

**For Tar and Asphalt Removal:** Spray or mop undiluted on soiled surface. Wipe or brush as necessary so all soil is emulsified. Rinse thoroughly Do not allow to dry on surface.

May also be used in high pressure spray equipment and automatic floor scrubbers.

Not intended for use as glass cleaner. Do not allow to dry on glass.

### CAUTION

KEEP OUT OF REACH OF CHILDREN

### Shipping Weight in pounds:

5 Gallon Plastic Pail 45.1 pounds  
Case 4 Plastic Gallons 36.3 pounds



# MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable) N/E (Not Established)

## SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** Smash  
**GENERIC NAME:** Cleaner Degreaser  
  
**CHEMICAL FAMILY:** Liquid Mixture  
**PROPER SHIPPING NAME:** Not regulated

## HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH \_\_\_\_\_ 2  
FLAMMABILITY \_\_\_\_\_ 0  
REACTIVITY \_\_\_\_\_ 0  
PERSONAL PROTECTION \_\_\_\_\_ B

## HAZARD RATING

4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
Potassium hydroxide	1310-58-3	2mg/m3	<2%

## SECTION III - PHYSICAL DATA

**PHYSICAL DESCRIPTION:**  
Clear yellow/green liquid, lemon scent  
**BOILING RANGE (°F):** 200-210°F  
**VAPOR PRESSURE:** N/E  
**% VOLATILE:** N/A  
**SOLUBILITY IN WATER:** Complete  
**SPECIFIC GRAVITY:** 1.04  
**EVAPORATION RATE:** N/E  
**pH:** 12.5

## SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** None generally required  
**PROTECTIVE GLOVES:** Impervious  
**EYE PROTECTION:** Safety glasses recommended  
**VENTILATION:** Room ventilation is generally adequate  
**OTHER PROTECTIVE EQUIPMENT:** Sufficient to prevent skin contact.  
Eyewash and shower located near the workplace.

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY (Materials to Avoid):** Strong acids and oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

**HAZARDOUS POLYMERIZATION:**  
Will not occur

## SECTION VI - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** Non flammable  
**UPPER EXPLOSIVE LIMIT:** N/A **LOWER EXPLOSIVE LIMIT:** N/A  
**EXTINGUISHING MEDIA:** Use the appropriate extinguishing media for the surrounding fire  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

## SECTION VIII - HEALTH HAZARDS

**EFFECTS OF OVEREXPOSURE (Primary Route of Entry)**  
**SKIN:** Irritant  
**EYES:** Irritant  
**INHALATION:** Irritant

**CARCINOGENS:** None suspected

**NTP: OSHA: IARC: ACGIH:**  
**OTHER:**

## SECTION VII - FIRST AID

**EYES:** Flush with water for at least 15 minutes, be sure to keep eyelids opened. Get immediate medical attention if irritation persists.

**SKIN:** Wash with plenty of soap and water. Wash contaminated clothing before wearing. Get medical attention if irritation persists.

**INGESTION:** Give milk or water to dilute. INDUCE VOMITING.  
Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**INHALATION:** Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

## SECTION IX - STORAGE AND HANDLING

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wash hands after handling. Keep out of reach of children. Wear appropriate personal protection to avoid eye and skin contact.

## SECTION X - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear necessary personal protective equipment. Evacuate all unnecessary personnel. Dike area to prevent spreading of the spilled material. Cover with an inert absorbent (sand, clay, etc.), shovel into appropriate containers, and dispose of in accordance with federal, state, and local regulations.

**EMPTY CONTAINERS DISPOSAL:** 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.

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