



Peacock Laboratories, Inc
1901 S. 54th Street
Philadelphia, PA 19143
Tel.: 215-729-4400
Fax: 215-729-1380
www.peacocklabs.com

Safety Data Sheet: #87 Degreasing Soap

Section 1: Identification

Product Name: #87 Degreasing Soap
Manufacturer's Name: Peacock Laboratories
Address: 1901 S. 54th Street
City, State, Zip: Philadelphia, PA, 19143
Phone Number: (215)-729-4000
Emergency Contact: (215)-729-4000
Chemtrec: (800)-424-9300

Recommended Use: Concentrated soap used prior to silvering to remove fingerprints and aid in wetting.

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin sensitization (Category 1), H317

Acute aquatic toxicity (Category 2), H401

Chronic aquatic toxicity (Category 2), H411

For the full text of the H-Statements mentioned in this section, see Section 16.

2.2 GHS Label Elements



Signal Word (GHS-US): Warning

Hazard Statements (GHS-US):

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long-lasting effects.

Precautionary Statements [Prevention]

P261: Avoid breathing dust/fumes/gas/mist vapors/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/clothing/eye protection/face protection.

[Response]

P302+352: *IF ON SKIN*, wash with plenty of soap and water.

P333+P313: *IF SKIN IRRITATION OR RASH OCCURS*, seek medical advice/attention.

P363: Wash contaminated clothing before reuse.

[Disposal]

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local/national regulations.

Section 3: Composition

Ingredients	CAS #	% by Weight
Proprietary	NA	<7%
Polyethylene Glycol	25322-68-3	<.1%

Polyethylene Glycol Benzyl	60864-33-7	NA
-------------------------------	------------	----

Section 4: First Aid Measures

4.1 Description of First Aid Measures

GENERAL ADVICE: In all cases of doubt, or when symptoms persist, consult a physician. Show this safety data sheet to the doctor in attendance.

INHALATION: Move to fresh air, and keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

EYES: Remove contact lenses if wearing them, and/or irrigate eyes copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a recognized skin cleanser.

INGESTION: If swallowed, wash out mouth with water, and obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

Section 5: Fire Fighting Procedures

Special Hazards Arising from Substance/Mixture: Carbon oxides.

Extinguisher Media: Dry chemical, carbon dioxide, alcohol-resistant foam, water spary. **Special**

Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

6.1 Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. See Section 8 for more details.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.

6.3 Methods and Materials for Containment/Cleaning Up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. For disposal, see Section 13.

Section 7: Handling & Storage

Store in a tightly-closed container. Store in a dry, well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): Combustible liquids.

Empty containers may retain hazardous properties and can be dangerous. Avoid prolonged skin contact. Do not breathe vapors or mist.

Waste Disposal Methods (Consult Federal, State, and Local Regulations): Dispose of product in accordance with local, country, state, and federal regulations.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Components with Workplace Control Parameters

Component	CAS-NO	Value	Control Parameters	Basis
Polyethylene Glycol	25322-68-3	TWA	10.000000 mg/m ³	USA Workplace Environmental Exposure Levels (WEEL)

8.2 Exposure Controls

Appropriate Engineering Controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Personal Protective Equipment: Eye/face protection, face shield, and safety glasses. Use equipment for eye protection that has been tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Wear a suit to completely protect body against chemicals. The protective equipment worn should be selected according to the concentration and amount of the dangerous substance being used.

Respiratory Protection: Where risk assessment shows air-purifying respirators to be appropriate, use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Physical State/Appearance: Liquid

Odor: Not available

Taste: Not available

pH: Not available

Boiling Point: Not available **Melting Point:** Not available **Initial Boiling Point & Boiling Range:** >250°C (>482°F) at 1,013 hPa (760 mmHg) **Evaporation Rate:** >0.01 **Specific Gravity:** Not established **Vapor Pressure:** Not established **Vapor Density:** Not available **Flash Point:** Not available

Partition Coefficient: N Octanol/water log Pow: >6.2 at 25 °C (77°F)

Relative Density: Not available

Viscosity: Not available

Flammability (Solid, Gas): No data available

Section 10: Stability and Reactivity Data

10.1. Reactivity Hazardous Polymerization

No data available.

10.2. Chemical Stability

Stable under recommended storage conditions.

10.3. Possibility of Hazardous Reactions No data available.

10.4. Conditions to Avoid No data available.

10.5. Incompatible Materials

Strong bases, strong oxidizing agents, strong acids.

10.6. Hazardous Decomposition Products

No data available. See Section 5 for more information.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute toxicity, LD50 Dermal (Rat): >2,000 mg/kg (OECD Test Guideline 423)

Inhalation: No data available

Skin corrosion/irritation (EPISKIN Human Skin Model Test Result): No skin irritation.

Serious eye damage/irritation, Eyes (Rabbit): No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitization, in vivo assay (Mouse): May cause sensitization by skin contact. (OECD Test Guideline 429)

Germ cell mutagenicity: No data available

Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No data available

Specific target organ toxicity (single exposure): No data available

Specific target organ toxicity (repeated exposure): No data available

Aspiration hazard: No data available

Additional Information RTECS: Abdominal pain, dermatitis, damage to the lungs, liver irregularities based on human evidence (formaldehyde), liver irregularities based on human evidence (acetaldehyde)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

12.1 Very toxic to aquatic life with long-lasting effects.

Toxicity to fish: LC50, *Oncorhynchus mykiss* (rainbow trout) - 1.53 mg/l, 95 hr (OECD Test Guideline 203)

Toxicity to daphnia/other aquatic invertebrates: EC50 (calculated), daphnia (water flea) - 5.66 mg/l, 48 hr

Toxicity to algae: NOEC, algae - 0.305 mg/l, 72 hr

12.2 Persistence and Degradability

Readily biodegradable (OECD Test Guideline

301F) *12.3 Bioaccumulative Potential* Not measured.

12.4 Mobility in Soil Not measured.

12.5 Results of PBT and vPvB Assessment

Assessment not available, as chemical safety assessment not required.

12.6 Other Adverse Effects

Toxic to aquatic life with long-lasting effects. Do not handle or dispose unprofessionally.

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Offer surplus and non-recyclable solutions to a licensed disposal company. If packaging is contaminated, dispose of as an unused product.

Section 14: Transport Information

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (alcohols, C12-14-secondary, ethoxylated) **Reportable**

Quantity (RQ):

Marine pollutant? Yes. Poison inhalation hazard? No.

UN No.: 3082

Hazard Class: 9 **PG:** III

Section 15: Regulatory Information (SARA 302 Components)

Regulatory Overview

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Sec. 313.

SARA 311/312

Hazards Acute Health Hazard

Massachusetts Right to Know Components:

Ethylene oxide, CAS-No.: 75-21-8, Revision Date: 2008-11-03

4-Dioxane, CAS-No: 123-91-1, Revision Date: 2007-07-01

Formaldehyde, CAS-No.: 50-00-0, Revision Date: 2007-07-01

Acetaldehyde, CAS-No: 75-07-0. Revision Date: 2007-07-01 *Pennsylvania*

Right to Know Components :

Polyethylene glycol, CAS-No: 25322-68-3

Alcohols (C12-14-Secondary) 126950-60-5

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Section 16: Other Information

Date of last revision: 8/16/2019

Disclaimer: The information in this SDS was obtained from sources which we believe are reliable and correct, but does not purport to be inclusive and shall be used only as a guide. The information is provided without any representation of warranty expressed or implied regarding the accuracy of correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Peacock Laboratories, Inc. and its employees do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of, or in any way connected with the handling, storage use of disposal of the product.