

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name PATCO GREASE RELEASE
Revision date 09-May-2008
Company information Patco Management Inc.
 7710 Maltlage Drive
 Liverpool, NY 13090 US
Emergency CHEMTREC 1-800-424-9300
General information Phone: 1-800-466-0693

2. Hazards Identification

Emergency overview This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

Potential short term health effects

Eyes Severely irritating; if not removed promptly, will injure eye tissue, which may result in permanent damage.

Skin Contact will irritate or burn skin.

Inhalation Irritating to the nose, throat, and respiratory tract.

Ingestion Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. Do not ingest.

3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
Sodium hydroxide	1310-73-2	< 10

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.

Skin contact Immediately flush skin with running water for at least 20 minutes. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse.

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion Immediately give large quantities of water to drink. Do not induce vomiting without medical advice. Get medical attention immediately. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance.

General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire Fighting Measures

Flammable properties Not a fire hazard.

Extinguishing media

Suitable extinguishing media Use methods for the surrounding fire.

6. Accidental Release Measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

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Methods for containment Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Never return spills in original containers for re-use.

Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling Do not get this material in your eyes, on your skin, or on your clothing. Handle and open container with care. Avoid formation of respirable particles.

Storage Keep out of the reach of children. Keep container tightly closed. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Exposure guidelines

ACGIH - Threshold Limits Values - Ceilings (TLV-C)

Sodium hydroxide 1310-73-2 2 Mg/m³ Ceiling

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Sodium hydroxide 1310-73-2 eye, skin and upper respiratory tract irritation

U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)

Sodium hydroxide 1310-73-2 2 Mg/m³ TWA

Engineering controls Use general ventilation.

Personal protective equipment

Eye / face protection Wear as appropriate: safety glasses with side-shields or goggles

Skin protection Use impervious gloves. If splashes are likely to occur, wear: apron

Respiratory protection None required where adequate ventilation conditions exist. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance clear liquid

Color light yellow

Form Liquid.

Odor mild

Odor threshold Not available

pH 13.2

Freezing point Not available

Boiling point 212 °F

Flash point > 212 °F Pensky-Martens Closed Cup

Flammability limits in air, lower, % by volume Not available

Flammability limits in air, upper, % by volume Not available

Vapor pressure Not available

Vapor density Not available

Specific gravity 1.061

Solubility (H₂O) 100 %

VOC (Weight %) 0 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Not established.
Incompatible materials	Acids.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	Acute LD50: 27000 mg/kg, Rat, Dermal Causes burns.
Local effects	Irritating to respiratory system.
Chronic effects	Prolonged exposure may cause chronic effects.

12. Ecological Information

Ecotoxicity	Components of this product are hazardous to aquatic life. Components of this product have been identified as having potential environmental concerns.
Environmental effects	Harmful to aquatic life. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Waste codes	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]
Disposal instructions	Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements NON-BULK

Basic shipping requirements:

Proper shipping name	Consumer commodity
Hazard class	ORM-D

15. Regulatory Information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	Yes
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CERCLA (Superfund) reportable quantity

PATCO GREASE RELEASE: 20000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name
Europe	European Inventory of New and Existing Chemicals (EINECS)
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory

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International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

State regulations

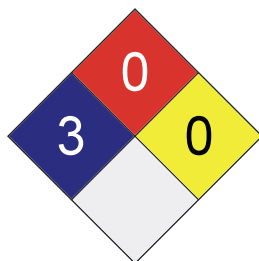
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	* 3
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.