

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name PATCO TACKLE OUTDOOR DEGREASER
Revision date 26-Mar-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 Prolonged exposure may cause chronic effects. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Potential short term health effects

- Eyes** Contact with eyes may cause irritation.
- Skin** Prolonged and/or repeated skin contact may result in mild irritation or redness.
- Inhalation** Prolonged or excessive inhalation may cause respiratory tract irritation.
- Ingestion** Irritating to mouth, throat, and stomach.

3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
Ethanolamine	141-43-5	< 2.5

4. First Aid Measures

First aid procedures

- Eye contact** Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
- Skin contact** Wash off with soap and water. Get medical attention if irritation develops or persists.
- Inhalation** Remove to fresh air. If breathing is difficult, give oxygen.
- Ingestion** Give several glasses of water to dilute contents of stomach and call a physician.

General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flammable properties None known.

Extinguishing media

- Suitable extinguishing media** Small Fires: Dry chemical, CO₂, water spray or regular foam.
- Large Fires: Water spray, fog or regular foam.

6. Accidental Release Measures

Methods for containment Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

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 Avoid contact with skin and eyes.
Storage Keep out of the reach of children. Keep at temperatures between 4 and 49°C.

8. Exposure Controls / Personal Protection

Exposure guidelines

ACGIH - Threshold Limits Values - Short Term Exposure Limits (TLV-STEL)

Ethanolamine 141-43-5 6 Ppm STEL

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Ethanolamine 141-43-5 3 Ppm TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Ethanolamine 141-43-5 eye and skin irritation

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

Ethanolamine 141-43-5 3 Ppm TWA; 6 mg/m³ TWA

Engineering controls Use general ventilation.

Personal protective equipment

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

Skin protection Impervious butyl rubber gloves.

Respiratory protection Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance clear liquid
Color Purple
Form Liquid.
Odor woody Floral
Odor threshold Not available
pH 11.9
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 1.005
Solubility (H₂O) 100 %
VOC (Weight %) 4 %

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.
Conditions to avoid None known.
Incompatible materials strong acids and oxidizing agents
Hazardous decomposition products Carbon monoxide and carbon dioxide. Sulphur oxides
Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects Acute LD50: 50429 mg/kg, Rat, Oral
Causes burns.

Local effects Irritating to respiratory system.

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

CERCLA (Superfund) reportable quantity

None

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

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

International regulations

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

State regulations

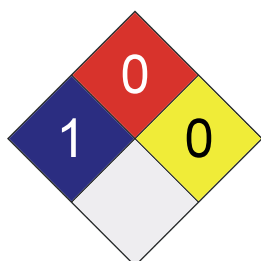
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	/ 1
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.