

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	PATCO FPA
Product number	351045
Revision date	10-Apr-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.
Potential short term health effects	
Eyes	Irritating, but will not permanently injure eye tissue. Avoid contact with eyes.
Skin	Prolonged and/or repeated skin contact may result in mild irritation or redness.
Inhalation	Inhalation of mist causes irritation of respiratory system.
Ingestion	May be harmful if swallowed.

3. Composition / Information on Ingredients

Composition comments	The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. No dangerous ingredients according to Directive 2001/58/EC No ingredients are present at or above the minimum concentration specified on the WHMIS Ingredient Disclosure List.
-----------------------------	---

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	Remove and isolate contaminated clothing and shoes. Immediately flush skin with running water for at least 20 minutes. Get medical attention immediately.
Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get medical attention immediately.
Ingestion	Do not induce vomiting. If conscious, drink plenty of water. If material is ingested, immediately contact a physician or poison control center.
General advice	Immediate medical attention is required. Keep victim warm. 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 flammable, but reacts with most metals to form flammable hydrogen gas.
Extinguishing media	
Suitable extinguishing media	Dry chemical, CO ₂ , or water spray.
Protection of firefighters	
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.

PATCO FPA

Product number: 351045

Methods for containment	Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Clean contaminated surface thoroughly.

7. Handling and Storage

Handling	Handle and open container with care.
Storage	Keep container tightly closed. Keep at temperatures below 48°C. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection	Avoid contact with eyes. Wear safety glasses with side shields. goggles or face-shield
Skin protection	Wear impervious gloves for prolonged contact.
Respiratory protection	None required where adequate ventilation conditions exist.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	liquid
Color	green
Form	Liquid.
Odor	mild citrus
Odor threshold	Not available
pH	0.6
Freezing point	Not available
Boiling point	Not available
Flash point	> 212 °F
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	1.036
Solubility (H2O)	100 %
VOC (Weight %)	0 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Temperatures above 110°C
Incompatible materials	Strong oxidizers, alkali metals and alkaline earth metals may cause fires or explosions. This product is incompatible with nitrates. Chlorine.
Hazardous decomposition products	Carbon monoxide and carbon dioxide. nitrogen oxides (NOx) Upon combustion, oxides of chlorine may be released.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	Acute LD50: 59220 mg/kg estimated, Rat, Oral Acute LD50: 98092 mg/kg estimated, Rat, Dermal Causes burns. Causes severe burns.
----------------------	--

PATCO FPA

Product number: 351045

12. Ecological Information

Ecotoxicity	Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Environmental effects	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

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 - No
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.

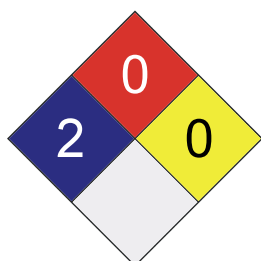
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



Prepared date

10-Apr-2008 14:08:50

Superseded date

03-Apr-2008 09:27:35

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.