Section 1. Product and Company Identification

Product Name Piroctone Olamine
CAS Number 68890-66-4

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
(914) 654-6800 **(914) 654-6899**
parchem.com **info@parchem.com**

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture
Classification in accordance with UN GHS/EU Regulation EC 1272/2008
Hazard Class and Category Code(s): Eye Dam. 1; Skin Irrit. 2; Aquatic Acute 1; Aquatic Chronic 1, STOT SE 3

GHS Label Elements

Pictograms:

Signal word: DANGER

Hazard and precautionary statements
Hazard statement code(s)
H315: Causes skin irritation
H318: Causes serious eye damage
H412: Harmful to aquatic life with long lasting effects.

Precautionary statement(s)
P271: Use only outdoors or in a well-ventilated area
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container to an approved waste disposal plant

Section 3. Composition / Information on Ingredients

Common Name Piroctone Olamine
Synonym(s) 1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)pyridine-2(1H)-one, compound with 2-aminoethanol (1:1)
CAS Number 68890-66-4

COMPONENT	CAS NUMBER	CONCENTRATION
Piroctone Olamine	68890-66-4	> 98.0%

Section 4. First Aid Measures

Inhalation: Move person into fresh air. If not breathing, give artificial respiration.
Skin contact: Remove contaminated clothing and wash affected area with soap and water immediately. If irritation or redness occurs obtain immediate medical attention.
Eye contact: Remove contact lenses, if worn. Flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention immediately.
Ingestion: Never give anything by mouth if patient is unconscious. Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.
Other information: Treat symptomatically

Section 5. Firefighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Exposure hazards: In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO), Nitrous gases (NOx)
Firefighting procedures: Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.
Protective equipment: A self-contained breathing apparatus and suitable protective clothing should be worn by fire fighters.

Section 6. Accidental Release Measures

Personal precautions: Avoid dust formation. Avoid breathing vapors, mist or gas
Environmental precautions: Do not let product enter drains
Disposal: Disposal of waste in accordance with all applicable federal, state and local laws.
Methods for cleaning up: Take up mechanically or sweep up carefully and transfer to a suitable container for recovery or waste disposal. Avoid generation of dust. Ventilate the area and wash spill site after material pick-up is complete.

Section 7. Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Avoid breathing dust and contact with skin, eyes and clothing. Use good housekeeping practices to keep formation of dusts to a minimum. Take precautionary measures against electrostatic loading - grounding of equipment may be required in some operations to prevent dust explosion hazard.
Storage: Keep container tightly closed in a dry and well-ventilated place

Section 8. Exposure Controls / Personal Protection

Exposure limit: No data available
Exposure controls: Wear suitable respirator, safety goggles, suitable gloves & aprons. Wash thoroughly after handling.
Personal protection: Chemical resistant gloves & safety glasses is a must
Respiratory protection: Where protection from nuisance levels of dusts are desired, use suitable dust masks. Use respirators and components tested and approved under appropriate government standards.
Hand protection: Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection: Use equipment for eye protection tested and approved under appropriate government standards.
Skin protection: Wear chemically protective clothing
Work practices: Eye wash facilities and a safety shower should be easily accessible. Before breaks and at the end of work thoroughly wash hands with soap and water. Wash contaminated clothing before use.
Environmental exposure controls: All necessary precautions must be taken to avoid release into the environment. Refer to Local, State or Nationals Legislations for environment and pollution control.

Section 9. Physical and Chemical Properties

Form: Crystalline Powder
Color: White
Melting point/freezing point: 130 - 136°C
Solubility in water: Practically insoluble
Boiling point: Not determined
Bulk density: Not determined
Vapor pressure: Not determined
Vapor density: Not applicable

Section 10. Stability and Reactivity

Stable: Stable under recommended storage conditions

Conditions to avoid: No data available
Materials to avoid: Strong acids and oxidizing agents
Hazardous polymerization: Will not occur

Section 11. Toxicological Information

Acute oral toxicity: LD50 (rat) 8100 mg/kg
Acute inhalation toxicity: LC50 (rat) > 4.9 mg/l
Acute dermal toxicity: LD50 (rat) >2000 mg/kg
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation
Ingestion: May be harmful if swallowed
Skin: May be harmful if absorbed through skin. May cause skin irritation

Section 12. Ecological Information

Biodegradation: > 80% The product can be eliminated from the water by abiotic processes.
Fish toxicity: LC 50 1.89 mg/l (96 h)
Daphnia toxicity: EC 50 1.8 mg/l (48 h)
Bacteria toxicity: EC 50 583 mg/l

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Not classified as dangerous for transport in accordance with CDG, IMDG, ADR, RID, ICAO/IATA

Section 15. Regulatory Information

No information available.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 11/6/2017