

**Product name** **PoolPals No Chlor Shock Hit 15**

**Revision date** **5-18-15**

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

## Section 1 Identification

**Product ID:** **No Chlor Shock Hit 15**

**Chemical Name and Synonyms:** Potassium Monopersulfate Compound

**Chemical Formula:** Proprietary

**Chemical Family:** Peroxygen Salt

**Product Use:** **Shock Oxidizer Removes Organic Contaminants**

**Supplier:** **Oreq Corporation**  
**42306 Remington Ave.**  
**Temecula, CA 92532**  
**951-296-5076**

**Emergency Telephone#** **CHEMTREC 800-424-9300**

## Section 2 Hazards identification

**Product hazard category**

Acute toxicity (Oral)	Category 4
Skin corrosion	Category 1B
Serious eye damage/eye irritation	Category 1

**SIGNAL WORD:** **DANGER**

**HAZARD PICTOGRAMS:**



**Hazardous prevention: measures**

- P260- Do not breathe dust or mist.
- P264- Wash skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
- P301+330+331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353- IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P304+312- IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
- P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P307+311- Immediately call a POISON CENTER or doctor/ physician.
- P362+364- Take off contaminated clothing and wash it before reuse.
- P405- Store locked up.
- P501- Dispose of contents/ container to an approved waste disposal plant.

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COMPONENT	%	CAS#
Potassium Monopersulfate	32.18%	70693-62-8
Inert ingredients	67.82%	Not Available

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition.

**Section 4 First - aid measures**

- General advice :** When symptoms persist or in all cases of doubt seek medical advice.
- Inhalation :** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.
- Skin contact :** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. immediately. Wash contaminated clothing before re-use.
- Eye contact :** Hold Eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Ingestion :** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.
- Most important: symptoms/effects, acute and delayed** No applicable data available.
- Protection of first-aiders:** No applicable data available.
- Notes to physician :** No applicable data available.

**Section 5 Fire - fighting measures**

- Suitable extinguishing media :** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>)
- Specific hazards :** The product itself does not burn.  
Hazardous decomposition products Oxygen, Sulphur dioxide, Sulfur trioxide
- Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit.
- Further information :** No applicable data available.

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**Section 6 Accidental release measures**

**NOTE:** Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

**Safeguards (Personnel):** Evacuate personnel to safe areas. Use personal protective equipment.

**Environmental precautions :** Try to prevent the material from entering drains or water courses.

**Spill Cleanup:** Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.

**Accidental Release Measures:** Try to prevent the material from entering drains or water courses. Dispose of in accordance with local regulations.

**Section 7 Handling and storage**

**Handling:** Use only in well-ventilated areas. Do not breathe dust. Avoid dust formation in confined areas. Avoid contact with skin and eyes. Keep away from heat and flame. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice

**Handling (Physical Aspects):** No applicable data available.  
**Dust explosion class:** No applicable data available.

**Storage:** Keep in a dry, cool and well-ventilated place. Protect from contamination. Store in original container. Keep away from: Combustible material Never allow product to get in contact with water during storage. Stable under recommended storage conditions.

**Storage period:** No applicable data available.  
**Storage temperature:** No applicable data available

**Section 8 Exposure controls / personal protection**

**Engineering controls:** Ensure adequate ventilation.

**Personal protective equipment**

**Respiratory protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Hand protection:** Material: Impervious gloves

**Eye protection :** Wear safety glasses or coverall chemical splash goggles.

**Skin and body protection:** Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket, hood and boots. Remove and wash contaminated clothing before re-use.

**Protective measures:** When using do not eat or drink. Do not breathe dust.

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## Section 9 Physical and chemical properties

### Appearance (Physical state, form, colour, etc.)

<b>Form</b>	: Solid form, granular
<b>Color</b>	: white
<b>Odor</b>	: none
<b>Odor threshold</b>	: No applicable data available.
<b>pH</b>	: 2.1 at 30 g/l 20 °C (68 °F)
<b>Melting point/freezing point</b>	: Melting point Decomposes before melting.
<b>Boiling point/boiling range</b>	: Boiling point Not applicable
<b>Flash point</b>	: does not flash
<b>Evaporation rate</b>	: No applicable data available.
<b>Flammability (solid, gas)</b>	: The product itself does not burn, but it is slightly oxidising (active oxygen content ca. 2%). The product is not flammable.
<b>Upper explosion limit</b>	: No applicable data available.
<b>Lower explosion limit</b>	: No applicable data available.
<b>Vapor pressure</b>	: < 0.0000017 hPa
<b>Vapour density</b>	: No applicable data available.
<b>Density</b>	: No applicable data available.
<b>Specific gravity (Relative density)</b>	: 2.35 at 20 °C (68 °F)
<b>Bulk density</b>	: 1,100 - 1,400 kg/m <sup>3</sup>
<b>Water solubility</b>	: 297 - 357 g/l at 22 °C (72 °F)
<b>Solubility(ies)</b>	: No applicable data available.
<b>Partition coefficient: n-octanol/water</b>	: No applicable data available.
<b>Ignition temperature</b>	: no data available
<b>Auto-ignition temperature</b>	: No applicable data available.
<b>Decomposition temperature</b>	: No applicable data available.
<b>Viscosity</b>	: No applicable data available.
<b>Oxidizing Substance</b>	: The substance or mixture is not classified as oxidizing.

## Section 10 Stability and reactivity

<b>Reactivity:</b>	Stable under recommended storage conditions.
<b>Stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No applicable data available.
<b>Conditions to avoid:</b>	Temperature > 50 °C (> 122 °F) Avoid extreme heat.
<b>Incompatibility:</b>	Halogenated compounds Cyanides, Heavy metal salts
<b>Hazardous decomposition products:</b>	Oxygen , Sulfur dioxide, Sulfur trioxide products

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## Section 11 Toxicological information

### Potassium Monopersulfate compound

**Inhalation 4 h LC50:** > 5 mg/l, rat

**Skin irritation:** Species: rabbit, Causes burns.

**Eye irritation:** Species: rabbit, Severe eye irritation

**Sensitisation:** Species: guinea pig, Did not cause sensitization on laboratory animals.

**Sensitisation:** May cause sensitization of susceptible persons by skin contact or by inhalation of dust.

**Dermal LD50:** > 11,000 mg/kg, rabbit

**Oral LD50:** 200 - 2,000 mg/kg, rat Gastrointestinal ulceration Internal bleeding

**Repeated dose toxicity:** Inhalation  
Eyes, corneal damage, Reversible  
Oral  
Stomach, Pathologic changes

**Mutagenicity:** Did not cause genetic damage in cultured bacterial cells., Tests on mammalian cell cultures showed mutagenic effects., Evidence suggests this substance does not cause genetic damage in animals.

**Teratogenicity:** Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.

## Section 12 Ecological information

### Potassium Monopersulfate compound

#### Aquatic Toxicity

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 53 mg/l

72 h ErC50 : Algae > 1 mg/l

48 h EC50 : Daphnia 3.5 mg/l

48 h LC50 : Daphnia magna (Water flea) 92 mg/l

## Section 13 Disposal considerations

**Waste Disposal Methods:** Dispose of in accordance with local regulations.

**Contaminated Packaging:** If recycling is not practicable, dispose of in compliance with local regulations.

## Section 14 Transport information

**DOT**

**UN-Number:** 3260

**Proper shipping name:** Corrosive solid, acidic, inorganic, n.o.s.  
(Monopersulfate Compound)

**Class:** 8

**Packaging group:** II

**Labeling No.:** 8

**IATA\_C**

**UN number:** 3260

**Proper shipping name:** Corrosive solid, acidic, inorganic, n.o.s.  
(Monopersulfate Compound, )

**Class:** 8

**Packaging group:** II

**Labeling No.:** 8

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**Section 14 Transport information (Continued)**

**IMDG** **UN number:** 3260  
**Proper shipping name:** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Monopersulfate Compound, )  
**Class:** 8  
**Packaging group:** II  
**Labeling No.:** 8

**Section 15 Regulatory information**

**TSCA** : On the inventory, or in compliance with the inventory  
**Other regulations** : Active Ingredient in this composition is POTASSIUM PEROXYMONOSULFATE, CAS. No. 10058-23-8, Concentration: 43-47% (Typical 45%) Active ingredient may also be described by the synonym POTASSIUM MONOPERSULFATE.

**SARA 313 Regulated Chemical(s)** : 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, Section 313.

**PA Right to Know Regulated Chemical(s)** : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Dipotassium peroxodisulphate

**NJ Right to Know Regulated Chemical(s)** : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Dipotassium peroxodisulphate, Potassium hydrogensulphate

**Title III hazard Classification** : Acute Health Hazard: Yes  
Chronic Health Hazard: No  
Fire: No  
Reactivity/Physical hazard: No  
Pressure: No

**California Prop. 65 :** Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

**Section 16 Other information**

**DATE OF PREPARATION**  
**5-18-2015**

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