

**OREQ CORPORATION**  
42306 Remington Avenue Temecula CA 92590

**Pool Pals®**  
**MATERIAL SAFETY DATA SHEET**

INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND SHALL NOT BE USED FOR ANY OTHER PURPOSE USE OR DISSEMINATION OF ALL OR ANY PART OF THIS INFORMATION FOR ANY OTHER PURPOSE MAY RESULT IN A VIOLATION OF LAW OR CONSTITUTE GROUNDS FOR LEGAL ACTION

**SECTION I**

**MANUFACTURER'S NAME**

OREQ CORPORATION

**EMERGENCY TELEPHONE**

CHEMTREC 1-800-424-9300

**TRADE NAME AND SYNONYMS**

Pool Pals® Shock-Hit 15

**CHEMICAL NAME AND SYNONYMS**

POTASSIUM MONOPERSULFATE COMPOUND

**CHEMICAL FAMILY**

PEROXYGEN SALT

**FORMULA**

PROPRIETARY

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**COMPONENT**

POTASSIUM MONOPERSULFATE COMPOUND 45%  
OTHER 55%  
CAS# 70693-62-8

**HAZARD DATA**

THE OXIDIZING COMPONENT IS MODERATELY IRRITATING AND  
A POTENTIAL ALLERGEN  
(PEL OSHA PPM) 15MG/M<sup>3</sup> IN 8HR

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT**

@760 MM HG DECOMPOSES

**BULK DENSITY (lb/ft<sup>3</sup>)**

72-81

**VAPOR PRESSURE (MM Hg.)**

NIL

**VAPOR DENSITY (AIR=1)**

NOT VOLATILE

**SOLUBILITY IN WATER**

26.6% @ 20°C (68°F)

**MELTING POINT**

DECOMPOSES

**APPEARANCE AND ODOR**

WHITE, FREE-FLOWING GRANULAR WITH NO ODOR

**EVAPORATION RATE**

(BUTYL ACETATE=1) NOT VOLATILE

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

**FLASH POINT (METHOD USED)**

WILL NOT BURN

**FLAMMABLE LIMITS**

N/A

**EXTINGUISHING MEDIA**

N/A

**SPECIAL FIRE FIGHTING PROCEDURES** – WILL RELEASE OXYGEN WHEN HEATED, INTENSIFYING A FIRE.  
WEAR SELF CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** – IMPROPER STORAGE OF LARGE MASSES OF POTASSIUM PEROXYMONOPERSULFATE CAN TRAP HEAT AND LEAD TO IGNITION OF COMBUSTIBLES.

**SECTION V – HEALTH HAZARD DATA**

**THRESHOLD LIMIT VALUE**

**TOXICITY** – POTASSIUM PEROXYMONOPERSULFATE IS NOT LISTED AS A CARCINOGEN BY LARC, NTP, OSHA, ACGIH, OR DUPONT. ORAL LD50: 2000 MG/KG IN RATS. **INHALATION:** 4 HOUR LD50 > 5MG/L IN RATS.

**ROUTES OF ENTRY** – INHALATION, EYE CONTACT, SKIN CONTACT, INGESTION

**EFFECTS OF OVER-EXPOSURE** – SKIN IRRITATION WITH DISCOMFORT OR RASH. EYE IRRITATION WITH DISCOMFORT, TEARING OR BLURRED VISION. IRRITATION OF UPPER RESPIRATORY PASSAGES.

**EMERGENCY AND FIRST AID PROCEDURES** – EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, SEEK MEDICAL ATTENTION. SKIN: FLUSH WITH WATER, IF IRRITATION OCCURS SEEK MEDICAL ATTENTION. INHALATION: REMOVE PERSON INTO FRESH AIR, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, GIVE WATER FREELY, DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON, SEEK MEDICAL ATTENTION.

#### **SECTION VI – REACTIVITY DATA**

**STABILITY**  
STABLE

**CONDITIONS TO AVOID**  
NONE

**INCOMPATIBILITY**  
MIXED WITH HEAVY METAL SALTS CAUSE EVOLUTION OF OXYGEN AND HEAT

**HAZARDOUS DECOMPOSITION PRODUCTS** – DECOMPOSES WHEN HEATED OR DAMPENED, RELEASING OXYGEN AND HEAT OF DECOMPOSITION.

**HAZARDOUS POLYMERIZATION**  
WILL NOT OCCUR

#### **SECTION VII – PRECAUTIONS FOR SAFE HANDLING**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
SWEEP UP SPILL, FLUSH AREA WITH WATER.

**WASTE DISPOSAL METHOD** – DISPOSE OF WASTE IN AN APPROVED CHEMICAL LANDFILL. LARGE QUANTITIES OF WASTE SHOULD BE NEUTRALIZED WITH SODA ASH BEFORE DISPOSAL. ALWAYS COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

#### **SECTION VIII – CONTROL MEASURES**

**RESPIRATORY PROTECTION**  
WEAR DUST RESPIRATOR WHERE DUSTING OCCURS.

<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> USE TO MINIMIZE DUSTING <b>MECHANICAL</b> – USE FOR GENERAL AREA CONTROL.	<b>SPECIAL</b> NONE <b>OTHER</b> - NONE
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<b>PROTECTIVE GLOVES</b> CHEMICAL RESISTANT GLOVES	<b>EYE PROTECTION</b> SAFETY GLASSES WITH SIDE SHIELDS
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**OTHER PROTECTIVE EQUIPMENT**  
LONG SLEEVED CLOTHING

#### **SECTION IX – SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING** – STORE IN COOL DRY AREA AWAY FROM COMBUSTIBLE MATERIAL. DO NOT STORE IN DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**OTHER PRECAUTIONS**  
NONE

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