

OREQ CORPORATION
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Pool Pals®
MATERIAL SAFETY DATA SHEET

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SECTION I

MANUFACTURER'S NAME Oreq Corporation	EMERGENCY TELEPHONE CHEMTREC 1-800-424-9300
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TRADE NAME AND SYNONYMS Pool Pals® CALCIUM INCREASER

CHEMICAL NAME AND SYNONYMS CALCIUM CHLORIDE

CHEMICAL FAMILY INORGANIC SALT	FORMULA CaCl ₂ X2H ₂ O
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT		HAZARD DATA
CALCIUM CHLORIDE	77-80%	NOT ESTABLISHED
SODIUM CHLORIDE	1-2%	
POTASSIUM CHLORIDE	2-3%	
INERT		(PEL OSHA PPM) - NOT ESTABLISHED

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 175°C	SPECIFIC GRAVITY (H20-1) 1.835
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VAPOR PRESSURE (mm Hg.) 1.0 @ 20°C	VAPOR DENSITY (AIR=1) N/A
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SOLUBILITY IN WATER VERY SOLUBLE	MELTING POINT 174°C	pH NEUTRAL OR SLIGHTLY ALKALINE
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APPEARANCE AND ODOR SMALL WHITE FLAKES, ODORLESS	EVAPORATION RATE (BUTYL ACETATE=1) – NOT ESTABLISHED
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SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) NOT FLAMMABLE	FLAMMABLE LIMITS N/A
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EXTINGUISHING MEDIA N/A

SPECIAL FIRE FIGHTING PROCEDURES NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS NONE

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE – AIRBORNE LIMIT IS 10MG/CU.M TOXICITY – ACUTE SKIN: THE LD50 FOR SKIN ABSORPTION IN RABBITS IS >5000 MG/KG FOR CaCl₂ INGESTION: ORAL LD50 FOR RATS IS 967 – 1668 MG/KG FOR CaCl₂ ROUTES OF ENTRY – INHALATION, EYE CONTACT, SKIN CONTACT, INGESTION

EFFECTS OF OVER-EXPOSURE – INHALATION MAY IRRITATE NOSE, THROAT, AND LUNGS. INGESTION: MAY IRRITATE GASTROINTESTINAL TRACT. SKIN: MAY IRRITATE WITH PROLONGED EXPOSURE WHEN MOISTURE IS PRESENT, SUPERFICIAL BURNS. CONTACT WITH OPEN WOUND CAN CAUSE SEVERE NEUROSIS. EYES: MAY IRRITATE AND BURN

EMERGENCY AND FIRST AID PROCEDURES – EYES: HOLD OPEN AND FLUSH WITH A STEADY STREAM OF WATER FOR 15 MINUTES, GET MEDICAL ATTENTION. SKIN: WASH WITH LOTS OF SOAP AND WATER. INGESTION: GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR.

SECTION VI – REACTIVITY DATA

STABILITY
VERY STABLE

CONDITIONS TO AVOID
N/A

INCOMPATIBILITY – CORROSIVE TO SOME METALS. AVOID CONTACT WITH METALS SUCH AS BRASS, MILD STEEL, ALUMINUM, OR FERROUS METALS. AVOID CONTACT WITH SULFURIC ACID. HEAT IS GENERATED WHEN MIXED IN WATER. AVOID MOISTURE/HIGH HUMIDITY.

HAZARDOUS DECOMPOSITION PRODUCTS
NONE

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – SHOVEL UP DRY CHEMICAL AND PLACE IN A PLASTIC DRUM WITH COVER. CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER.

WASTE DISPOSAL METHOD – DO NOT DUMP INTO ANY SEWERS OR BODY OF WATER. ALL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION
WEAR NIOSH – APPROVED DUST OR MIST RESPIRATOR.

VENTILATION	LOCAL EXHAUST NEEDED IN PACKAGING AND UNLOADING AREAS WHERE DUST OR MIST PREVAIL	SPECIAL N/A
	MECHANICAL N/A	OTHER N/A

PROTECTIVE GLOVES RUBBER GLOVES	EYE PROTECTION WEAR CHEMICAL SAFETY GOGGLES
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OTHER PROTECTIVE EQUIPMENT
LONG SLEEVED CLOTHING AND BOOTS

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING DUST OR MIST. STORE IN A COOL DRY PLACE. PROLONGED STORAGE MAY CAUSE PRODUCT TO CAKE OR BECOME WET FROM ATMOSPHERIC MOISTURE.

OTHER PRECAUTIONS
NONE

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