

OREQ CORPORATION
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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
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TRADE NAME AND SYNONYMS Pool Pals® Stain Away

CHEMICAL NAME AND SYNONYMS DIPHOSPHONIC ACID
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CHEMICAL FAMILY PHOSPHONIC ACID	FORMULA 1)(1 HYDROXYETHYLIDENE) DIPHOSPHONIC ACID
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT 1)(1-HYDROXYETHYLIDENE) DIPHOSPHONIC ACID PROPRIETARY INGREDIENTS	33% 67%	HAZARD DATA CORROSIVE TO EYES, AVOID BREATHING VAPORS (PEL OSHA PPM)
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SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT >212°F	SPECIFIC GRAVITY (H20-1) 1.253 g/cm ³
VAPOR PRESSURE (MM Hg.) 17MM OF HG @ 20°C	VAPOR DENSITY (AIR=1) N/A

SOLUBILITY IN WATER COMPLETELY	MELTING POINT N/A
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APPEARANCE AND ODOR CLEAR LIQUID – MILD ODOR	EVAPORATION RATE (BUTYL ACETATE=1) – NOT ESTABLISHED
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SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) CLOSED CUP >100°C (TAGLIABUE)	FLAMMABLE LIMITS NOT AVAILABLE
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EXTINGUISHING MEDIA WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES WEAR SELF CONTAINED BREATHING APPARATUS
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UNUSUAL FIRE AND EXPLOSION HAZARDS NONE

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE TOXICITY – ACUTE ORAL LD50 = 2000 MG/KG RAT. ACUTE DERMAL LD50 = 10000 MG/KG RABBIT

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

EFFECTS OF OVER-EXPOSURE – VERY HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT, CORROSIVE). HAZARDOUS IN CASE OF SKIN CONTACT, MAY PRODUCE BURNS. MAY BE HARMFUL IF INHALED. DO NOT BREATHE SPRAY MISTS OR VAPORS.

EMERGENCY AND FIRST AID PROCEDURES – EYE EXPOSURE: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES, SEEK MEDICAL ATTENTION. SKIN EXPOSURE: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF INDIVIDUAL EXPERIENCES NAUSEA, HEADACHE, DIFFICULTY BREATHING, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING; IRRIGATE THE ESOPHAGUS AND DILUTE STOMACH CONTENTS BY SLOWLY GIVING ONE TO TWO GLASSES OF WATER OR MILK, SEEK MEDICAL ATTENTION.

SECTION VI – REACTIVITY DATA

STABILITY
STABLE

CONDITIONS TO AVOID
NONE

INCOMPATIBILITY
STRONG OXIDIZERS, STRONG BASES

HAZARDOUS DECOMPOSITION PRODUCTS – OXIDES OF BOTH PHOSPHOROUS AND CARBON; ACIDS OF PHOSPHOROUS.

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – SPILLS SHOULD BE CONTAINED. SOAK UP SPILLS WITH SAND, EARTH, OR ABSORBENT. FLUSH AWAY RESIDUE WITH LARGE QUANTITIES OF WATER.

WASTE DISPOSAL METHOD – IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION
NOT NORMALLY REQUIRED UNLESS MISTING OCCURS, THEN NIOSH APPROVED RESPIRATOR.

VENTILATION	LOCAL EXHAUST USE IF MISTING OCCURS MECHANICAL – USE FOR GENERAL AREA CONTROL.	SPECIAL NONE OTHER - NONE
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PROTECTIVE GLOVES RUBBER OR PLASTIC GLOVES	EYE PROTECTION GOGGLES, FACE SHIELD
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OTHER PROTECTIVE EQUIPMENT – BODY PROTECTIVE CLOTHING AND SHOES ARE REQUIRED.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
DO NOT STORE CLOSE TO DRY CHEMICALS, PROTECT FROM FREEZING.

OTHER PRECAUTIONS - NONE

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