

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 MASON CHEMICALS	EMERGENCY TELEPHONE CHEMTREC 1-800-424-9300
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TRADE NAME AND SYNONYMS Pool Pals® Algae Control	EPA REG. NO. 10324-19-75538
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CHEMICAL NAME AND SYNONYMS N-ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE

CHEMICAL FAMILY QUATERNARY AMMONIUM HALIDES	FORMULA MIXTURE PROPRIETARY
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	%	HAZARD DATA
ALKYL DIMETHYL ENZYL AMMONIUM CHLORIDE	49.8%	COMBUSTIBLE
DIALKYL METHYL BENZYL AMMONIUM CHLORIDE	.2%	
ISOPROPANOL C.A.S. NO. 67-63-0	5%-10%	(PEL OSHA PPM) – N/A

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT NOT DETERMINED	SPECIFIC GRAVITY (H20-1) 0.95
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VAPOR PRESSURE (MM Hg.) 10 MMHG @ 20°C/68°F	VAPOR DENSITY (AIR=1) N/A
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SOLUBILITY IN WATER SOLUBLE	MELTING POINT NOT DETERMINED
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APPEARANCE AND ODOR COLORLESS TO LIGHT STRAW/BENZALDEHYDE ODOR	EVAPORATION RATE (BUTYL ACETATE=1) NOT AVAILABLE
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SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) 48°C/120°F	FLAMMABLE LIMITS NOT ESTABLISHED
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EXTINGUISHING MEDIA – WATER SPRAY (FOG), DRY CHEMICALS, FOAM OR CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES – EVACUATE AREA OF UNNECESSARY PERSONNEL, WEAR SAFETY EQUIPMENT FOR FIRE CONDITIONS INCLUDING NIOSH/MSHA SELF-CONTAINED BREATHING APPARATUS.
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UNUSUAL FIRE AND EXPLOSION HAZARDS – EXPLOSIVE MIXTURES CAN FORM WITH AIR. COMBUSTION PRODUCTS ARE TOXIC. SOLVENT VAPORS CAN TRAVEL TO AN IGNITION SOURCE AND FLASH BACK.
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SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE – NOT ESTABLISHED TOXICITY – NOT ESTABLISHED

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

EFFECTS OF OVER-EXPOSURE – INHALATION: CAUSES IRRITATION TO NOSE, THROAT, AND LUNGS. SYMPTOMS OF OVER-EXPOSURE TO VAPORS INCLUDE FROWSNESS, WEAKNESS, HEADACHE, DIZZINESS, AND NAUSEA. EYES: EXPECTED TO CAUSE BURNS. SKIN: CAUSES BURNS TO THE SKIN. INGESTION: CAUSES BURNS TO THE GASTROINTESTINAL TRACT. OTHER: MAY CAUSE CNS DEPRESSION AT HIGH DOSES: THIS MAY CAUSE DIZZINESS, LOSS OF BALANCE, SLURRED SPEECH, AND UNCONSCIOUSNESS. MAY CAUSE TOXIC LIVER OR KIDNEY EFFECTS.

EMERGENCY AND FIRST AID PROCEDURES – INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, IF BREATHING IS DIFFICULT GIVE OXYGEN, GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER FOR 15 MINUTES, REMOVE CONTAMINATED CLOTHING, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, GIVE LARGE AMOUNTS OF WATER, GET MEDICAL ATTENTION.

SECTION VI – REACTIVITY DATA

STABILITY
STABLE

CONDITIONS TO AVOID
HEAT AND OPEN FLAME

INCOMPATIBILITY

IRON, COPPER, BRONZE, BRASS, ALUMINUM, LEAD, TIN, STRONG OXIDIZERS, AND REDUCERS

HAZARDOUS DECOMPOSITION PRODUCTS

HCl, OXIDE OF CARBON, NITROGEN

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – CONTAIN ANY SPILLS WITH DIKES OR ABSORBENTS TO PREVENT MIGRATION AND ENTRY INTO SEWERS OR STREAMS. LARGE SPILLS MAY BE TAKEN UP WITH PUMP OR VACUUM AND FINISHED OFF WITH DRY CHEMICAL ABSORBENT. MAY REQUIRE EXCAVATION OF CONTAMINATED SOIL.

WASTE DISPOSAL METHOD - THIS IS REGULATED AS HAZARDOUS SO MUST BE DISPOSED OF BY EPA AND/OR LOCAL, STATE AND FEDERAL METHODS (RQ=100 LBS FOR CORROSIVITY AND IGNITABILITY).

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION

NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR

VENTILATION

LOCAL EXHAUST

MAINTAIN ADEQUATE VENTILATION

MECHANICAL USE FOR GENERAL AREA CONTROL

SPECIAL

N/A

OTHER N/A

PROTECTIVE GLOVES

RESISTANT TO CHEMICAL PENETRATION

EYE PROTECTION

CHEMICAL GOGGLES AND FACE SHIELD

OTHER PROTECTIVE EQUIPMENT – IF SKIN CONTACT OR CONTAMINATION OF CLOTHING IS LIKELY, PROTECTIVE CLOTHING SHOULD BE WORN.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – STORE IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS

NONE

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