

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® TOTAL ALKALINITY

CHEMICAL NAME AND SYNONYMS SODIUM BICARBONATE

CHEMICAL FAMILY INORGANIC SALT	FORMULA NaHCO ₃
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT SODIUM BICARBONATE 99%	HAZARD DATA SODIUM BICARBONATE IS A MILD SKIN IRRITANT WITH PROLONGED EXPOSURE (PEL OSHA PPM) 15MG/M ³
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SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT N/A	SPECIFIC GRAVITY (H20-1) N/A
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VAPOR PRESSURE (MM Hg.) N/A	VAPOR DENSITY (AIR=1) N/A
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SOLUBILITY IN WATER 164 G/L H ₂ O @ 60°	MELTING POINT DECOMPOSES WITHOUT MELTING TO RELEASE CO ₂ & Na ₂ CO ₃ H ₂ O
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APPEARANCE AND ODOR WHITE CRYSTALLINE POWDER; NONE	EVAPORATION RATE (BUTYL ACETATE=1) – N/A
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SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) NON-FLAMMABLE	FLAMMABLE LIMITS N/A
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EXTINGUISHING MEDIA ALL CONVENTIONAL MEDIA SUITABLE

SPECIAL FIRE FIGHTING PROCEDURES WEAR SELF-CONTAINED BREATHING APPARATUS
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UNUSUAL FIRE AND EXPLOSION HAZARDS – IN FIRES FUELED BY OTHER MATERIALS, WILL RELEASE CARBON DIOXIDE DECOMPOSES @ 518°F RELEASING CO ₂

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE – NOT ESTABLISHED BY OSHA OR ACGIH TOXICITY ORAL LD50 IN RATS IS 4220 MG/KG, AND IS CONSIDERED MODERATELY TOXIC. PROLONGED EXPOSURE TO SKIN IS REPORTED TO CAUSE MILD IRRITATION

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

EFFECTS OF OVER-EXPOSURE – EYE AND SKIN IRRITATION MAY OCCUR WITH PROLONGED EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES – EYES: FLUSH WITH WATER – SEEK MEDICAL ATTENTION
SKIN: FLUSH WITH WATER. INGESTION: DRINK LARGE AMOUNTS OF WATER OR MILK

SECTION VI – REACTIVITY DATA

STABILITY
STABLE

CONDITIONS TO AVOID
NONE

INCOMPATIBILITY
ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS
CARBON DIOXIDE

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
COLLECT FOR DISPOSAL, RINSE AREA WITH WATER

WASTE DISPOSAL METHOD – NEUTRALIZE WITH WEAK ACID ALLOWING VENTILATION OF CARBON DIOXIDE. SEND TO PERMITTED AQUEOUS WASTE DISPOSAL FACILITY.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION
USE NIOSH APPROVED DUST RESPIRATOR

VENTILATION	LOCAL EXHAUST USE TO CONTROL DUSTING	SPECIAL - NONE
	MECHANICAL USE FOR GENERAL AREA CONTROL	OTHER - NONE

PROTECTIVE GLOVES GLOVES TO MINIMIZE PROLONGED EXPOSURE	EYE PROTECTION SAFETY GOGGLES
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OTHER PROTECTIVE EQUIPMENT
LONG SLEEVED CLOTHING

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
STORE IN A COOL DRY PLACE

OTHER PRECAUTIONS
DECOMPOSITION ACCELERATED AT WARM TEMPERATURES, KEEP AWAY FROM HEAT SOURCES

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