

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® pH Down
--

CHEMICAL NAME AND SYNONYMS SODIUM BISULFATE

CHEMICAL FAMILY INORGANIC ACID SALT	FORMULA NaHSO ₄
---	--------------------------------------

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT		HAZARD DATA
SODIUM BISULFATE	93.2%	CAUSES EYE AND SKIN IRRITATION
SODIUM SULFATE	6.5%	(PEL OSHA PPM) – NOT ESTABLISHED

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 338°F (170°C)	BULK DENSITY 83lb/ft ³
---------------------------------------	---

VAPOR PRESSURE (MM Hg.) N/A	VAPOR DENSITY (AIR=1) N/A
---------------------------------------	-------------------------------------

SOLUBILITY IN WATER 100%	MELTING POINT 350°F
------------------------------------	-------------------------------

APPEARANCE AND ODOR OFF WHITE CRYSTALLINE SOLID, ODORLESS	EVAPORATION RATE (BUTYL ACETATE=1) - NOT ESTABLISHED
---	--

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) WILL NOT BURN	FLAMMABLE LIMITS NOT ESTABLISHED
---	--

EXTINGUISHING MEDIA - WATER OR DRY CHEMICAL AS APPROPRIATE FOR COMBUSTIBLES IN AREA. AVOID WATER CONTACT TO MATERIAL IF POSSIBLE.

SPECIAL FIRE FIGHTING PROCEDURES – IF WATER IS USED TO EXTINGUISH COMBUSTIBLES AND PRODUCT IS DISSOLVED IN WATER FORMING SULFURIC ACID, WEAR ACID PROTECTIVE EQUIPMENT. IF ELEVATED TEMPERATURES (>570°F) ARE REACHED, SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

UNUSUAL FIRE AND EXPLOSION HAZARDS – PRODUCT READILY DISSOLVES IN WATER TO FORM A WEAK SULFURIC ACID SOLUTION. NO GAS OR TOXIC FUMES ARE EMITTED.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE – NOT ESTABLISHED TOXICITY – CAN CAUSE EYE AND SKIN BURNS
--

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

EFFECTS OF OVER-EXPOSURE – EYE IRRITATION AND SKIN IRRITATION CAN OCCUR; PROLONGED EXPOSURE CAN LEAD TO BURNS.

EMERGENCY AND FIRST AID PROCEDURES – EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING LIDS OPEN, SEEK MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR LOCATION. IF IRRITATION OR DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION. SKIN: FLUSH WITH WATER FOR 15 MINUTES, WASH CONTAMINATED CLOTHES. INGESTION: DRINK LARGE QUANTITIES OF WATER AND FOLLOW WITH MILK OF MAGNESIA, VEGETABLE OIL, OR BEATEN EGG, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

SECTION VI – REACTIVITY DATA

STABILITY
STABLE

CONDITIONS TO AVOID
NONE KNOWN

INCOMPATIBILITY – AVOID CONTACT WITH STRONG ALKALINE MATERIAL SUCH AS CAUSTIC. DO NOT MIX WITH LIQUID CHLORINE BLEACH, AMMONIA CLEANSERS, OR SIMILAR PRODUCTS.

HAZARDOUS DECOMPOSITION PRODUCTS – AT TEMPERATURES OVER 806°F, PRODUCT WILL DECOMPOSE, GENERATING OXIDES OF SULFUR.

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – PICKUP AS MUCH MATERIAL AS POSSIBLE WITH SHOVEL OR OTHER TOOL. NEUTRALIZE BALANCE OF SPILL WITH WEAK ALKALINE SOLUTION.

WASTE DISPOSAL METHOD – DISSOLVE WASTE IN WATER, NEUTRALIZE WITH WEAK BASE AND FLUSH TO INDUSTRIAL SEWER IF ALLOWED BY LOCAL REGULATIONS OR SEND TO AN AQUEOUS WASTE DISPOSAL FACILITY.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION

NOT NORMALLY REQUIRED. WEAR DUST MASK WHERE HEAVY DUSTING OCCURS.

VENTILATION

LOCAL EXHAUST

USE TO MINIMIZE DUST

MECHANICAL -USE FOR GENERAL AREA CONTROL

SPECIAL

NONE

OTHER - NONE

PROTECTIVE GLOVES

RUBBER GLOVES

EYE PROTECTION

SAFETY GOGGLES OR GLASSES

OTHER PROTECTIVE EQUIPMENT

LONG SLEEVED CLOTHING AND BOOTS

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WHERE EXPOSED TO MOIST CONDITIONS OR NEAR ALKALIS.

OTHER PRECAUTIONS

NONE

THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER