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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 ClearView® pH DOWN
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CHEMICAL NAME AND SYNONYMS SODIUM BISULFATE

CHEMICAL FAMILY INORGANIC ACID SALT	FORMULA NaHSO ₄
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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
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VAPOR PRESSURE (MM Hg.) N/A	VAPOR DENSITY (AIR=1) N/A
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SOLUBILITY IN WATER 100%	MELTING POINT 350°F
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APPEARANCE AND ODOR OFF WHITE CRYSTALLINE SOLID, ODORLESS	EVAPORATION RATE (BUTYL ACETATE=1) - NOT ESTABLISHED
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SECTION IV – FIRE AND EXPLOSION HAZARDS

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

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