

OREQ CORPORATION
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ClearView®
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 ClearView® CHLOR FREE 15
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CHEMICAL NAME AND SYNONYMS POTASSIUM MONOPERSULFATE COMPOUND
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CHEMICAL FAMILY PEROXYGEN SALT	FORMULA PROPRIETARY
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT POTASSIUM MONOPERSULFATE COMPOUND 75% pH BUFFERS AND CLARIFIERS 25% CAS# 70693-62-8	HAZARD DATA THE OXIDIZING COMPONENT IS MODERATELY IRRITATING AND A POTENTIAL ALLERGEN (PEL OSHA PPM) 15MG/M ³ IN 8HR
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SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT @760 MM HG DECOMPOSES	BULK DENSITY (lb/ft³) 72-81
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VAPOR PRESSURE (MM Hg.) NIL	VAPOR DENSITY (AIR=1) NOT VOLATILE
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SOLUBILITY IN WATER 26.6% @ 20°C (68°F)	MELTING POINT DECOMPOSES
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APPEARANCE AND ODOR WHITE, FREE-FLOWING GRANULAR WITH NO ODOR	EVAPORATION RATE (BUTYL ACETATE=1) NOT VOLATILE
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SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED) WILL NOT BURN	FLAMMABLE LIMITS N/A
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EXTINGUISHING MEDIA N/A

SPECIAL FIRE FIGHTING PROCEDURES – WILL RELEASE OXYGEN WHEN HEATED, INTENSIFYING A FIRE. WEAR SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS – IMPROPER STORAGE OF LARGE MASSES OF POTASSIUM PEROXYMONOPERSULFATE CAN TRAP HEAT AND LEAD TO IGNITION OF COMBUSTIBLES.
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SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

TOXICITY – POTASSIUM PEROXYMONOPERSULFATE IS NOT LISTED AS A CARCINOGEN BY LARC, NTP, OSHA, ACGIH, OR DUPONT. ORAL LD50: 2000 MG/KG IN RATS. INHALATION: 4 HOUR LD50 > 5MG/L IN RATS.

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

EFFECTS OF OVER-EXPOSURE – SKIN IRRITATION WITH DISCOMFORT OR RASH. EYE IRRITATION WITH DISCOMFORT, TEARING OR BLURRED VISION. IRRITATION OF UPPER RESPIRATORY PASSAGES.

EMERGENCY AND FIRST AID PROCEDURES – EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, SEEK MEDICAL ATTENTION. SKIN: FLUSH WITH WATER, IF IRRITATION OCCURS SEEK MEDICAL ATTENTION. INHALATION: REMOVE PERSON INTO FRESH AIR, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, GIVE WATER FREELY, DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON, SEEK MEDICAL ATTENTION.

SECTION VI – REACTIVITY DATA

STABILITY

STABLE

CONDITIONS TO AVOID

NONE

INCOMPATIBILITY

MIXED WITH HEAVY METAL SALTS CAUSE EVOLUTION OF OXYGEN AND HEAT

HAZARDOUS DECOMPOSITION PRODUCTS – DECOMPOSES WHEN HEATED OR DAMPENED, RELEASING OXYGEN AND HEAT OF DECOMPOSITION.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SWEEP UP SPILL, FLUSH AREA WITH WATER.

WASTE DISPOSAL METHOD – DISPOSE OF WASTE IN AN APPROVED CHEMICAL LANDFILL. LARGE QUANTITIES OF WASTE SHOULD BE NEUTRALIZED WITH SODA ASH BEFORE DISPOSAL. ALWAYS COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION

WEAR DUST RESPIRATOR WHERE DUSTING OCCURS.

VENTILATION

LOCAL EXHAUST

USE TO MINIMIZE DUSTING

MECHANICAL – USE FOR GENERAL AREA CONTROL.

SPECIAL

NONE

OTHER - NONE

PROTECTIVE GLOVES

CHEMICAL RESISTANT GLOVES

EYE PROTECTION

SAFETY GLASSES WITH SIDE SHIELDS

OTHER PROTECTIVE EQUIPMENT

LONG SLEEVED CLOTHING

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – STORE IN COOL DRY AREA AWAY FROM COMBUSTIBLE MATERIAL. DO NOT STORE IN DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS

NONE

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