

OREQ CORPORATION
42306 Remington Avenue Temecula CA 92590

ClearView®
MATERIAL SAFETY DATA SHEET

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SECTION I

MANUFACTURER'S NAME

OREQ CORPORATION

EMERGENCY TELEPHONE

CHEMTREC 1-800-424-9300

TRADE NAME AND SYNONYMS

ClearView® CHLOR FREE 15

CHEMICAL NAME AND SYNONYMS

POTASSIUM MONOPERSULFATE COMPOUND

CHEMICAL FAMILY

PEROXYGEN SALT

FORMULA

PROPRIETARY

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT

POTASSIUM MONOPERSULFATE COMPOUND 45%
OTHER 55%
CAS# 70693-62-8

HAZARD DATA

THE OXIDIZING COMPONENT IS MODERATELY IRRITATING AND
A POTENTIAL ALLERGEN
(PEL OSHA PPM) 15MG/M³ IN 8HR

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

@760 MM HG DECOMPOSES

BULK DENSITY (lb/ft³)

72-81

VAPOR PRESSURE (MM Hg.)

NIL

VAPOR DENSITY (AIR=1)

NOT VOLATILE

SOLUBILITY IN WATER

26.6% @ 20°C (68°F)

MELTING POINT

DECOMPOSES

APPEARANCE AND ODOR

WHITE, FREE-FLOWING GRANULAR WITH NO ODOR

EVAPORATION RATE

(BUTYL ACETATE=1) NOT VOLATILE

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED)

WILL NOT BURN

FLAMMABLE LIMITS

N/A

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.

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
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PROTECTIVE GLOVES CHEMICAL RESISTANT GLOVES	EYE PROTECTION SAFETY GLASSES WITH SIDE SHIELDS
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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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