

PRO PACKAGING, INC./OREQ CORPORATION
42306 Remington Avenue Temecula CA 92590

ClearView®
MATERIAL SAFETY DATA SHEET

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SECTION I

MANUFACTURER'S NAME
PRO PACKAGING, INC.

EMERGENCY TELEPHONE
CHEMTREC 1-800-424-9300

TRADE NAME AND SYNONYMS
ClearView® **CALCIUM INCREASER**

CHEMICAL NAME AND SYNONYMS
CALCIUM CHLORIDE

CHEMICAL FAMILY
INORGANIC SALT

FORMULA
CaCl₂X2H₂O

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT

CALCIUM CHLORIDE 77-80%
SODIUM CHLORIDE 1-2%
POTASSIUM CHLORIDE 2-3%
INERT

HAZARD DATA

NOT ESTABLISHED

(PEL OSHA PPM) - NOT ESTABLISHED

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT
175°C

SPECIFIC GRAVITY (H20-1)
1.835

VAPOR PRESSURE (mm Hg.)
1.0 @ 20°C

VAPOR DENSITY (AIR=1)
N/A

SOLUBILITY IN WATER
VERY SOLUBLE

MELTING POINT
174°C

pH
NEUTRAL OR SLIGHTLY ALKALINE

APPEARANCE AND ODOR
SMALL WHITE FLAKES, ODORLESS

EVAPORATION RATE
(BUTYL ACETATE=1) – NOT ESTABLISHED

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED)
NOT FLAMMABLE

FLAMMABLE LIMITS
N/A

EXTINGUISHING MEDIA
N/A

SPECIAL FIRE FIGHTING PROCEDURES
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS
NONE

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE – AIRBORNE LIMIT IS 10MG/CU.M

TOXICITY – ACUTE SKIN: THE LD50 FOR SKIN ABSORPTION IN RABBITS IS >5000 MG/KG FOR CaCl₂

INGESTION: ORAL LD50 FOR RATS IS 967 – 1668 MG/KG FOR CaCl₂

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

EFFECTS OF OVER-EXPOSURE – INHALATION MAY IRRITATE NOSE, THROAT, AND LUNGS. INGESTION: MAY IRRITATE GASTROINTESTINAL TRACT. SKIN: MAY IRRITATE WITH PROLONGED EXPOSURE WHEN MOISTURE IS PRESENT, SUPERFICIAL BURNS. CONTACT WITH OPEN WOUND CAN CAUSE SEVERE NEUROSIS. EYES: MAY IRRITATE AND BURN

EMERGENCY AND FIRST AID PROCEDURES – EYES: HOLD OPEN AND FLUSH WITH A STEADY STREAM OF WATER FOR 15 MINUTES, GET MEDICAL ATTENTION. SKIN: WASH WITH LOTS OF SOAP AND WATER. INGESTION: GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR.

SECTION VI – REACTIVITY DATA

STABILITY VERY STABLE	CONDITIONS TO AVOID N/A
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INCOMPATIBILITY – CORROSIVE TO SOME METALS. AVOID CONTACT WITH METALS SUCH AS BRASS, MILD STEEL, ALUMINUM, OR FERROUS METALS. AVOID CONTACT WITH SULFURIC ACID. HEAT IS GENERATED WHEN MIXED IN WATER. AVOID MOISTURE/HIGH HUMIDITY.

HAZARDOUS DECOMPOSITION PRODUCTS
NONE

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – SHOVEL UP DRY CHEMICAL AND PLACE IN A PLASTIC DRUM WITH COVER. CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER.

WASTE DISPOSAL METHOD – DO NOT DUMP INTO ANY SEWERS OR BODY OF WATER. ALL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION
WEAR NIOSH – APPROVED DUST OR MIST RESPIRATOR.

VENTILATION	LOCAL EXHAUST NEEDED IN PACKAGING AND UNLOADING AREAS WHERE DUST OR MIST PREVAIL MECHANICAL N/A	SPECIAL N/A OTHER N/A
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PROTECTIVE GLOVES RUBBER GLOVES	EYE PROTECTION WEAR CHEMICAL SAFETY GOGGLES
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OTHER PROTECTIVE EQUIPMENT
LONG SLEEVED CLOTHING AND BOOTS

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING – AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING DUST OR MIST. STORE IN A COOL DRY PLACE. PROLONGED STORAGE MAY CAUSE PRODUCT TO CAKE OR BECOME WET FROM ATMOSPHERIC MOISTURE.

OTHER PRECAUTIONS
NONE

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