

**PRO PACKAGING, INC./OREQ CORPORATION**  
**205 Commercial Dr., St. Augustine, FL 32092**

**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**

<b>MANUFACTURER'S NAME</b> PRO PACKAGING, INC.	<b>EMERGENCY TELEPHONE</b> CHEMTREC 1-800-424-9300
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<b>TRADE NAME AND SYNONYMS</b> ClearView® MINERAL MAGNET
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<b>CHEMICAL NAME AND SYNONYMS</b> DIPHOSPHONIC ACID
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<b>CHEMICAL FAMILY</b> PHOSPHONIC ACID	<b>FORMULA</b> 1)(1 HYDROXYETHYLIDENE) DIPHOSPHONIC ACID
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**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>COMPONENT</b> 1)(1-HYDROXYETHYLIDENE) DIPHOSPHONIC ACID PROPRIETARY INGREDIENTS	33% 67%	<b>HAZARD DATA</b> CORROSIVE TO EYES, AVOID BREATHING VAPORS (PEL OSHA PPM)
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**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT</b> >212°F	<b>SPECIFIC GRAVITY (H20-1)</b> 1.253 g/cm <sup>3</sup>
<b>VAPOR PRESSURE (MM Hg.)</b> 17MM OF HG @ 20°C	<b>VAPOR DENSITY (AIR=1)</b> N/A

<b>SOLUBILITY IN WATER</b> COMPLETELY	<b>MELTING POINT</b> N/A
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<b>APPEARANCE AND ODOR</b> CLEAR LIQUID – MILD ODOR	<b>EVAPORATION RATE</b> (BUTYL ACETATE=1) – NOT ESTABLISHED
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**SECTION IV – FIRE AND EXPLOSION HAZARDS**

<b>FLASH POINT (METHOD USED)</b> CLOSED CUP >100°C (TAGLIABUE)	<b>FLAMMABLE LIMITS</b> NOT AVAILABLE
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<b>EXTINGUISHING MEDIA</b> WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL
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<b>SPECIAL FIRE FIGHTING PROCEDURES</b> WEAR SELF CONTAINED BREATHING APPARATUS
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<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> NONE
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**SECTION V – HEALTH HAZARD DATA**

<b>THRESHOLD LIMIT VALUE</b> TOXICITY – ACUTE ORAL LD50 = 2000 MG/KG RAT. ACUTE DERMAL LD50 = 10000 MG/KG RABBIT
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**ROUTES OF ENTRY** – INHALATION, EYE CONTACT, SKIN CONTACT, INGESTION

**EFFECTS OF OVER-EXPOSURE** – VERY HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT, CORROSIVE). HAZARDOUS IN CASE OF SKIN CONTACT, MAY PRODUCE BURNS. MAY BE HARMFUL IF INHALED. DO NOT BREATHE SPRAY MISTS OR VAPORS.

**EMERGENCY AND FIRST AID PROCEDURES** – EYE EXPOSURE: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES, SEEK MEDICAL ATTENTION. SKIN EXPOSURE: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF INDIVIDUAL EXPERIENCES NAUSEA, HEADACHE, DIFFICULTY BREATHING, SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING; IRRIGATE THE ESOPHAGUS AND DILUTE STOMACH CONTENTS BY SLOWLY GIVING ONE TO TWO GLASSES OF WATER OR MILK, SEEK MEDICAL ATTENTION.

## SECTION VI – REACTIVITY DATA

**STABILITY**  
STABLE

**CONDITIONS TO AVOID**  
NONE

**INCOMPATIBILITY**  
STRONG OXIDIZERS, STRONG BASES

**HAZARDOUS DECOMPOSITION PRODUCTS** – OXIDES OF BOTH PHOSPHOROUS AND CARBON; ACIDS OF PHOSPHOROUS.

**HAZARDOUS POLYMERIZATION**  
WILL NOT OCCUR

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED** – SPILLS SHOULD BE CONTAINED. SOAK UP SPILLS WITH SAND, EARTH, OR ABSORBENT. FLUSH AWAY RESIDUE WITH LARGE QUANTITIES OF WATER.

**WASTE DISPOSAL METHOD** – IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION VIII – CONTROL MEASURES

**RESPIRATORY PROTECTION**  
NOT NORMALLY REQUIRED UNLESS MISTING OCCURS, THEN NIOSH APPROVED RESPIRATOR.

<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> USE IF MISTING OCCURS <b>MECHANICAL</b> – USE FOR GENERAL AREA CONTROL.	<b>SPECIAL</b> NONE <b>OTHER</b> - NONE
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<b>PROTECTIVE GLOVES</b> RUBBER OR PLASTIC GLOVES	<b>EYE PROTECTION</b> GOGGLES, FACE SHIELD
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**OTHER PROTECTIVE EQUIPMENT** – BODY PROTECTIVE CLOTHING AND SHOES ARE REQUIRED.

## SECTION IX – SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**  
DO NOT STORE CLOSE TO DRY CHEMICALS, PROTECT FROM FREEZING.

**OTHER PRECAUTIONS** - NONE

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