

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

**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
---	---

<b>TRADE NAME AND SYNONYMS</b> ClearView® pH UP
--

<b>CHEMICAL NAME AND SYNONYMS</b> SODIUM CARBONATE
---

<b>CHEMICAL FAMILY</b> ALKALI CARBONATES	<b>FORMULA</b> NA <sub>2</sub> CO <sub>3</sub>
---	---

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>COMPONENT</b> SODIUM CARBONATE	100%	<b>HAZARD DATA - NONE</b> <b>(PEL OSHA PPM) 15 MG/M<sup>3</sup> FOR 8-HOUR DAY</b>
--------------------------------------	------	---

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT</b> N/A	<b>SPECIFIC GRAVITY (H20-1)</b> 2.533 @ 25°C
-----------------------------	---

<b>VAPOR PRESSURE (MM Hg.)</b> N/A	<b>VAPOR DENSITY (AIR=1)</b> N/A
---------------------------------------	-------------------------------------

<b>SOLUBILITY IN WATER</b> 33% MAX BY WEIGHT IN WATER	<b>MELTING POINT</b> 851°C	<b>pH</b> 11.6 (1% SOLUTION)
--	-------------------------------	---------------------------------

<b>APPEARANCE AND ODOR</b> WHITE, ODORLESS, GRANULAR	<b>EVAPORATION RATE</b> (BUTYL ACETATE=1) - NOT ESTABLISHED
---	--

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

<b>FLASH POINT (METHOD USED)</b> NON-COMBUSTIBLE	<b>FLAMMABLE LIMITS</b> NON-FLAMMABLE
---	--

<b>EXTINGUISHING MEDIA</b> NOT APPLICABLE
--

<b>SPECIAL FIRE FIGHTING PROCEDURES</b> NONE
---

<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> CARBON DIOXIDE (CO <sub>2</sub> ) IS EVOLVED AT VERY HIGH TEMPERATURES (1832°F) OR WHEN MIXED WITH ACIDS.
--

## SECTION V – HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

**TOXICITY** – ORAL (LD50) RATS: 4090 MG/KG BODY WEIGHT – SKIN (HUMAN) MILD IRRITANT – EYE (RABBITS) MILD IRRITANT. INHALATION LD50 (RATS) 2300 MG/M3 2 H

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

**EFFECTS OF OVER-EXPOSURE** – INHALATION: MAY BE IRRITATING TO THE NOSE, THROAT, AND RESPIRATORY TRACT. REPEATED EXPOSURE MAY CAUSE NOSE ULCERS. EYES: MAY CAUSE MILD IRRITATION. SKIN: MAY CAUSE SKIN IRRITATION, SEEN AS REDNESS AND SWELLING. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATIONS.

**EMERGENCY AND FIRST AID PROCEDURES** – INTERNAL: GIVE 2 OR 3 GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION. SKIN: WASH WITH WATER AND SOAP, REMOVE CLOTHING. INHALATION: REMOVE TO FRESH AIR, RESUSCITATE IF NEEDED, ADMINISTER OXYGEN, SEEK MEDICAL ATTENTION.

## SECTION VI – REACTIVITY DATA

### STABILITY

STABLE AT AMBIENT TEMPERATURE AND ATMOSPHERIC PRESSURE

### CONDITIONS TO AVOID

HYDROSCOPIC; PROTECT FROM MOISTURE;  
MIXING OF ACID AND SODIUM CARBONATE.

**INCOMPATIBILITY** – REACTS WITH STRONG ACIDS. UNDER CERTAIN CONDITIONS, MAY REACT WITH  $Al_2P_2O_5$ ,  $F_2$ ,  $Li$ , AND 2,4,6-TRINITROTOLUENE.

**HAZARDOUS DECOMPOSITION PRODUCTS** – CARBON DIOXIDE ( $CO_2$ ) IS EVOLVED AT VERY HIGH TEMPERATURES (1832°F) OR WHEN MIXED WITH ACIDS.

### HAZARDOUS POLYMERIZATION

NONE

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED** – SHOVEL BACK INTO THE ORIGINAL DRY, UNCONTAMINATED CONTAINER OR WASTE RECEPTACLE. FLUSH AREA WITH WATER, CONTAIN RUNOFF.

### WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION VIII – CONTROL MEASURES

**RESPIRATORY PROTECTION** – IN CASE OF SIGNIFICANT DUST EMISSIONS, A NIOSH/MSHA APPROVED DUST MASK SHOULD BE WORN.

### VENTILATION

#### LOCAL EXHAUST

USE TO CONTROL DUSTING

**MECHANICAL** – USE FOR GENERAL AREA CONTROL

### SPECIAL

NONE

**OTHER** - NONE

**PROTECTIVE GLOVES** – COTTON GLOVES ARE ADEQUATE FOR ROUTINE HANDLING OF DRY PRODUCT.

### EYE PROTECTION

WEAR SAFETY GLASSES OR GOGGLES.

### OTHER PROTECTIVE EQUIPMENT

NONE

### **SECTION IX – SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING** – AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR EYES. DO NOT WEAR CONTACT LENSES WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT. KEEP IN A CLOSED, PROPERLY LABELED CONTAINER IN A DRY AREA AWAY FROM ACIDS.

#### **OTHER PRECAUTIONS**

NONE

**THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER**