

**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**

**MANUFACTURER'S NAME**  
**PRO PACKAGING, INC.**

**EMERGENCY TELEPHONE**  
**CHEMTREC 1-800-424-9300**

**TRADE NAME AND SYNONYMS**  
**ClearView® TOTAL ALKALINITY**

**CHEMICAL NAME AND SYNONYMS**  
**SODIUM BICARBONATE**

**CHEMICAL FAMILY**  
**INORGANIC SALT**

**FORMULA**  
**NaHCO<sub>3</sub>**

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

**COMPONENT**

SODIUM BICARBONATE 99%

**HAZARD DATA**

SODIUM BICARBONATE IS A MILD SKIN IRRITANT WITH PROLONGED EXPOSURE  
**(PEL OSHA PPM) 15MG/M<sup>3</sup>**

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT**  
N/A

**SPECIFIC GRAVITY (H20-1)**  
N/A

**VAPOR PRESSURE (MM Hg.)**  
N/A

**VAPOR DENSITY (AIR=1)**  
N/A

**SOLUBILITY IN WATER**  
164 G/L H<sub>2</sub>O @ 60°

**MELTING POINT**  
DECOMPOSES WITHOUT MELTING TO RELEASE CO<sub>2</sub> & Na<sub>2</sub>CO<sub>3</sub>H<sub>2</sub>O

**APPEARANCE AND ODOR**  
WHITE CRYSTALLINE POWDER; NONE

**EVAPORATION RATE**  
(BUTYL ACETATE=1) – N/A

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

**FLASH POINT (METHOD USED)**  
NON-FLAMMABLE

**FLAMMABLE LIMITS**  
N/A

**EXTINGUISHING MEDIA**  
ALL CONVENTIONAL MEDIA SUITABLE

**SPECIAL FIRE FIGHTING PROCEDURES**  
WEAR SELF-CONTAINED BREATHING APPARATUS

**UNUSUAL FIRE AND EXPLOSION HAZARDS** – IN FIRES FUELED BY OTHER MATERIALS, WILL RELEASE CARBON DIOXIDE  
DECOMPOSES @ 518°F RELEASING CO<sub>2</sub>

**SECTION V – HEALTH HAZARD DATA**

**THRESHOLD LIMIT VALUE** – NOT ESTABLISHED BY OSHA OR ACGIH  
**TOXICITY ORAL LD50 IN RATS IS 4220 MG/KG, AND IS CONSIDERED MODERATELY TOXIC. PROLONGED EXPOSURE TO SKIN IS REPORTED TO CAUSE MILD IRRITATION**

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

**EFFECTS OF OVER-EXPOSURE** – EYE AND SKIN IRRITATION MAY OCCUR WITH PROLONGED EXPOSURE

**EMERGENCY AND FIRST AID PROCEDURES** – EYES: FLUSH WITH WATER – SEEK MEDICAL ATTENTION  
SKIN: FLUSH WITH WATER. INGESTION: DRINK LARGE AMOUNTS OF WATER OR MILK

#### SECTION VI – REACTIVITY DATA

**STABILITY**  
STABLE

**CONDITIONS TO AVOID**  
NONE

**INCOMPATIBILITY**  
ACIDS

**HAZARDOUS DECOMPOSITION PRODUCTS**  
CARBON DIOXIDE

**HAZARDOUS POLYMERIZATION**  
WILL NOT OCCUR

#### SECTION VII – PRECAUTIONS FOR SAFE HANDLING

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
COLLECT FOR DISPOSAL, RINSE AREA WITH WATER

**WASTE DISPOSAL METHOD** – NEUTRALIZE WITH WEAK ACID ALLOWING VENTILATION OF CARBON DIOXIDE. SEND TO PERMITTED AQUEOUS WASTE DISPOSAL FACILITY.

#### SECTION VIII – CONTROL MEASURES

**RESPIRATORY PROTECTION**  
USE NIOSH APPROVED DUST RESPIRATOR

<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> USE TO CONTROL DUSTING	<b>SPECIAL - NONE</b>
	<b>MECHANICAL</b> USE FOR GENERAL AREA CONTROL	<b>OTHER - NONE</b>

<b>PROTECTIVE GLOVES</b> GLOVES TO MINIMIZE PROLONGED EXPOSURE	<b>EYE PROTECTION</b> SAFETY GOGGLES
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**OTHER PROTECTIVE EQUIPMENT**  
LONG SLEEVED CLOTHING

#### SECTION IX – SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**  
STORE IN A COOL DRY PLACE

**OTHER PRECAUTIONS**  
DECOMPOSITION ACCELERATED AT WARM TEMPERATURES, KEEP AWAY FROM HEAT SOURCES

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