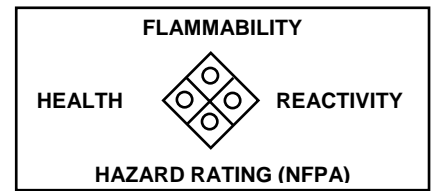


# MATERIAL SAFETY DATA SHEET



## SECTION I IDENTIFICATION

Manufacturer: Comco Inc.  
2151 N. Lincoln St., Burbank, CA 91504  
Chemical Name: Sodium Bicarbonate  
Chemical Family: Alkali  
Part Numbers: PD1007, PD1011, PD1031, PD1032 (plus dash no's of each)

Emergency Telephone No: (818) 841-5500  
Document No.: SD1007, Rev D Issue Date: Nov. 2007  
Trade Name: G, L, U, W  
Formula: NaHCO<sub>3</sub>

## SECTION II COMPOSITION

Component	%	CAS#	OSHA Exp	TLV	Carcinogen
Sodium Bicarbonate	99.0	144-55-8	15 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	No
Tri calcium Phosphate	0.9	1306-06-5	15 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	No
Trace Elements	<1% (see materials specification)				

OSHA: Not hazardous under 29 CFR 1910.1200: RCRA: Not hazardous: CERLA Reportable quantity: none

## SECTION III PHYSICAL AND CHEMICAL DATA

Boiling Pt.: N/A	Softening Pt: 270°C	Specific Gravity: 2.2
Vapor Pressure: N/A	Percent Volatile: N/A	Vapor Density: N/A
Evap. Rate: N/A	Sol. in Water: 8.6g/100ml@68F	Sol. in Alcohol: Slight
Solubility in other Solvent: N/A	Appearance and Odor: White crystalline powder, odorless	

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A	Method Used: N/A	Extinguishing Media: N/A
Explosion Potential: N/A	Flammable Limits: LEL: N/A UEL: N/A	

Special Fire Fighting Procedures: High temperature decomposition may generate Carbon Dioxide which is an asphyxiant.

## SECTION V HEALTH, FIRST AID, AND MEDICAL DATA

Risk: Inhalation of dust, dust in eyes (considered a minor irritant)  
Acute Health Effects: May cause coughing, shortness of breath, acute oral-rat LD<sub>50</sub> 7.3g/kg  
Chronic Health Effects: May affect breathing capacity, LC<sub>50</sub> (rat)>4.74mg/l  
First Aid Procedures: Remove to fresh air. Apply artificial respiration if needed. Wash eyes with warm water if required. Obtain medical help

Notes to physician: If large amounts are swallowed, do not induce vomiting; administer water if conscious, large doses may produce systemic alkalosis and expansion in extra cellular fluid volume with edema.

## SECTION VI CORROSIVITY AND REACTIVITY DATA

Stability: Stable	Polymerization: N/A	Incompatibility: Acids
Decomposition Products: CO <sub>2</sub> above 228°F	Conditions to be Avoided: Acids, conditions above 228°F	

## SECTION VII STORAGE, HANDLING, AND USE PROCEDURES

Normal Storage and Handling:	Use adequate ventilation for nuisance dust. Keep dry
Normal Use:	Same as above; keep away from acids
In Case of Spills:	Same as above; use dust masks, scoop into dry clean containers
Waste Disposal:	Standard landfill methods, when in pure (as supplied) state

## SECTION VIII PERSONAL PROTECTION INFORMATION

Respiratory Protection:	Approved NIOSH dust mask if dust levels exceeds 10mg/m <sup>3</sup>
Ventilation:	Required in dust levels exceeds 10mg/m <sup>3</sup>
Eye Protection:	NIOSH goggles recommended when handling bulk material or when dust is generated
Gloves:	If desired by user, general purpose for handling dry material
Other:	N/A

## SECTION IX SPECIAL PRECAUTIONS

No special precautions required