SAFETY DATA SHEET

SECTION 1 MATERIAL NAME / IDENTIFIER

pH UP **WHMIS:** D2B

Manufacturer's Name: **CAPO INDUSTRIES LTD**
Street Address: **1200 CORPORATE DRIVE**
City: **BURLINGTON, ONTARIO**
Postal Code: **L7L 5R6**

Emergency Telephone: **Canutec (613) 996-6666 (Collect)**

Chemical Name: Sodium Carbonate
Chemical Family: Sodium Salt
Chemical Formula: Na2 CO3
Trade Name & Synonyms: Soda Ash
Molecular Weight: Not applicable
Material Use: Pool chemical to boost pH

SECTION 2 HAZARDS IDENTIFICATION

GHS classification: Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A

Symbol(s)

Signal Word Warning

Hazard statements H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements P264 Wash hands thoroughly after handling.
P280 Wear protective clothes/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off all contaminated clothing and wash it before reuse.

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
Sodium Carbonate	497-19-8	60 - 100

SECTION 4 FIRST AID MEASURES

Inhalation: Remove person to fresh air. Obtain medical attention. Administer artificial respiration or CPR as required.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush eyes with plenty of water for 15 minutes. Seek medical attention.

Ingestion: Drink 2 or 3 glasses of milk. Contact a physician immediately.

Note to physicians Treat symptomatically. Medical conditions that may be aggravated by exposure to this product include diseases of the skin, eyes and respiratory tract.

SECTION 5 FIRE – FIGHTING MEASURES

Hazardous Combustion Products: None in normal use.

Unusual Fire or Explosion Hazards: None

Sensitivity to Mechanical Impact: None

Rate of Burning: None

Explosive Power: None

Sensitivity to Static Discharge: None

Fire Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, water fog, dry sand..

Instructions to the Fire Fighters: Isolate materials that are not involved in the fire and protect personnel. Use water spray to cool fire exposed containers or structures. Use water to disperse vapours. Spilled material may cause floors and contact surfaces to become slippery.

Fire Fighting Protective Equipment: Use self-contained breathing apparatus and protective clothing.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Leak And Spill Procedure: Neutralize with a weak acid to a pH of 6 to 9. Sweep up material and place in a labeled container for disposal.

SECTION 7 HANDLING AND STORAGE

HANDLING

Handling Practices: Use normal industrial hygiene and housekeeping practices. In the presence of moisture, soda ash and lime dusts combine to form corrosive caustic soda which may cause burns.

Ventilation Requirements: Use in a well ventilated area.

Other Precautions: Avoid breathing dusts. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse.

STORAGE

Ventilation Requirements: Ventilation should be corrosion proof. Store in a cool, dry area.

Storage Requirements: Keep away from heat, sparks or flames. Keep containers closed. Avoid moisture contamination. Prolonged storage may result in lumping or caking. Product should not be stored in aluminum, lead or tin. Attacks some types of rubber, plastics and coatings. Confirm suitability of any packaging before using.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Engineering Controls: Local exhaust ventilation. Ventilation should be corrosion and explosion proof. Make up air should be supplied to balance air that is removed by local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Skin (Specify): Latex or rubber gloves if skin contact is likely.

Eye (Specify): Safety glasses/goggles if eye contact is likely.

Respiratory (Specify): Wear dust mask if prolonged use in a non-ventilated area is unavoidable.

Other (Specify): Wear protective clothing if contact is likely. Eye wash stations are close to work area.

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SECTION 9 PHYSICAL DATA FOR MATERIAL

Physical State:	**Gas**		**Liquid**	**Solid**	**X**
Odour & Appearance:	White granular solid, odourless				
Odour Threshold (ppm):	Not applicable				
Flammability:		**Yes**	**No**	**X**	
If Yes, Under Which Conditions?:					
Auto Ignition Temperature (Celsius):	Not applicable				
Upper Explosion Limit (% By Volume):	Not applicable				
Lower Explosion Limit (% By Volume):	Not applicable				
Decomposition Temp (°C)	400°C				
Specific Gravity:	2.532				
Viscosity:	Not applicable				
Vapour Pressure (mm):	Not applicable				
Vapour Density (Air-1):	Not applicable				
Flashpoint (°C)	Not applicable				
Evaporation Rate	Not applicable				
Boiling Point (°C):	Not applicable				
Freezing Point (°C):	Not applicable				
Solubility In Water (20°C):	17.5% by weight				
% Volatile (By Weight)	Not applicable				
PH:	11.3 (1% solution)				
Coefficient Of Water/Oil Distribution:	Not applicable				

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	**Yes**	**X**	**No**
If No, Under Which Conditions?:			
Incompatibility To Other Substances:	**Yes**	**X**	**No**
If So, Which Ones:	Acids, lime dust, heat.		
Conditions to Avoid:	May react with acids causing carbon dioxide evolution and severe splattering. Contact with lime dust in the presence of moisture can produce sodium hydroxide.		
Hazardous Decomposition Products:	Carbon dioxide when burned.		

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS

Inhalation: Dust may cause irritation to throat and nose, and respiratory tract.

Skin Contact: Skin contact may cause irritation.

Eye Contact: Eye contact may cause irritation and burns.

Ingestion: Severe gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH EFFECTS: May lead to irritation and/or sensitivity of the skin.

Other Health Effects: Skin irritation may be aggravated in persons with existing skin lesions. Breathing of dust may Aggravate acute or chronic asthma and other pulmonary diseases.

LD 50 of Material (Specify Species and Routes) 4090 mg/kg, Oral (Rat), >2000 mg/kg,

LC 50 of Material (Specify Species and Routes) 2.3 mg/l, Inhalation, 2 h (Rat)

Exposure (Limits: Not available

Irritancy of Material Skin, eyes, nose and throat irritant.

Sensitization of Material None known

Synergistic Materials None known

Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity: None known

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Daphnia Magnia LC50, 96hr: 265-565mg/l

Blue Gill Sunfish LC50, 96hr: 300-320mg/l

Daphnia Magnia EC50, 48hr: 1200mg/l

Environmental Fate

Biodegradability: Not applicable

Bioaccumulative Potential: Not available

Mobility In Soil: Considerable solubility and mobility. Soil/sediments.

SECTION 13 DISPOSAL CONSIDERATIONS

Deactivating Chemicals: Neutralize with a weak acid to a pH of 6 to 9.

Waste Disposal: Dispose absorbed material at an approved landfill site in accordance with Federal, Provincial and local regulations.

Safe Handling of Residues: See above

Disposal of Packaging: Dispose absorbed material at an approved landfill site in accordance with Federal, Provincial and local regulations.

SECTION 14 TRANSPORTATION INFORMATION

CANADIAN TDG ACT SHIPPING DESCRIPTION: Not Regulated

US DOT CLASSIFICATION (49CFR 172.101, 172.102): Not Regulated

SECTION 15 REGULATORY INFORMATION

WHMIS: D2B,

HPR COMPLIANCE: This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

SECTION 16 OTHER INFORMATION

Prepared By (Group, Department, Etc.): **Quality Control** **Telephone:** **(905) 332-6626**

Preparation Date: **January 1, 1996**
Date Revised: **May 5, 2016**
Additional Notes Or References:

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