

MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL NAME / IDENTIFIER

PH DOWN/PH REDUCER/ARCTIC PURE ADJUST DOWN WHMIS: E

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 Bisulphate
Chemical Family: Sodium Salt
Chemical Formula: NA HS04
Trade Name & Synonyms: Not applicable
Molecular Weight: Not applicable
Material Use: Pool water ph reducer

SECTION II HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx Conc %	C.A.S. N.A. U.N. Number	LD 50 Specify Species & Route (Oral, RAT)	LC 50 Specify Species & Route (Inhal, RAT)
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Sodium Bisulphate	60-100	2800 mg/kg	Not available	
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SECTION III PHYSICAL DATA FOR MATERIAL

Physical State: Gas Liquid Solid **X**
Odour & Appearance: Opaque white beads, acidic odour
Odour Threshold (Ppm): Not applicable
Specific Gravity: 83 lbs/foot3
Vapour Pressure (Mm): Not applicable
Vapour Density (Air-1): Not applicable
Evaporation Rate: Not applicable
Boiling Point (C): Not applicable
Freezing Point (C): 176.7 deg C
Solubility In Water (20c): Soluble
% Volatile (By Weight) Not applicable
Ph: 1.4 (1% solution)
Coefficient Of Water/Oil Distribution: Not applicable

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SECTION IV - FIRE & EXPLOSION HAZARD OF MATERIAL

Flammability: Yes No

If Yes, Under Which Conditions?: Not applicable

Means Of Extinction: Use appropriate media suitable to extinguish source of fire.

Special Procedures: Wear self contained breathing apparatus when fire fighting.

Flashpoint (Celsius) And Method: Not applicable

Autoignition Temperature (Celsius): Not applicable

Lower Explosion Limit (% By Volume): Not applicable

Upper Explosion Limit (% By Volume): Not applicable

Hazardous Combustion Products: SO₂, SO₃ at temperature above 299 deg C

EXPLOSION DATA

Sensitivity To Mechanical Impact: None **Sensitivity To Static Discharge:** None

SECTION V REACTIVITY DATA

Chemical Stability: Yes No

If No, Under Which Conditions?: Product is unstable in the presence of moisture. It reacts with water To form an acidic solution

Incompatibility To Other Substances: Yes No

If So, Which Ones: Strong alkaline, water, sodium hypochlorite solution and oxidizers

Reactivity And Under What Conditions: Contact with strong alkaline materials such as caustic soda

Hazardous Decomposition Products: If heated above 299 deg c SO₂ AND SO₃ will foam

SECTION VI TOXICOLOGICAL PROPERTIES OF MATERIAL

Route Of Entry:

: Skin Contact :Skin Absorption : Eye Contact
: Inhalation Acute :Inhalation Chronic : Ingestion

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

Skin: Mild irritant

Eye: May cause burns

Inhalation: Dust may cause burns to mucous membranes and respiratory tract.

Ingestion: If swallowed, may cause burns in the mouth, esophagus and stomach

Effects Of Chronic Exposure To Material: Repeated exposure without proper hygiene may cause skin rashes

Other Health Effects: None known

Ld 50 Of Material (Specify Species And Routes): See section II

Lc 50 Of Material (Specify Species And Routes): See section II

Exposure (Limits): Not established

Irritancy Of Material: Skin, eye, nose and throat irritant

Sensitization Of Material: None known

PH DOWN/PH REDUCER/ARCTIC PURE ADJUST DOWN

