

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: NEUTRILIZER
Product Use: NEUTRILIZER
Chemical Identity: LIGHT SODA ASH
Formula and M. Wt: Can2 03; 106.0

Vendor Name & Address: HOOD CHEMICAL
295 ALLIANCE ROAD #14
MILTON ON L9T 4W8
TEL: 905-876-0707

HAZARDOUS INGREDIENTS

Ingredients	CAS NO	CONC (W/W)	TOXICITY
Sodium Carbonate	497-19-8	60-100%	LD50 (oral rat)= 2800 mg/kg

PHYSICAL DATA

Physical State: POWDER
Appearance and Odour: FINE WHITE POWDER, NO ODOUR
Odour Treshold: NOT AVAILABLE
Boiling Point: NOT APPLICABLE
Specific Gravity: 2.533
Freezing Point: NOT APPLICABLE
Vapour Pressure: NOT APPLICABLE
pH: 11.3
Vapour Density: NOT APPLICABLE
Density 9g/ml): NOT APPLICABLE
Evaporation Rate: NOT APPLICABLE
Water Solubility: 17% Solution @ 20°C

FIRE OR EXPLOSION HAZARDS

Conditions of Flammability: NOT FLAMMABLE
Means of Extinction: SUITABLE FOR SURROUNDING FIRE
Flash Point & Method of Determination: NOT APPLICABLE
Upper Flammable Limit: NOT APPLICABLE
Lower Flammable Limit: NOT APPLICABLE
Auto-Ignition Temperature: NOT AVAILABLE
Hazardous Combustion Products: HEATING SODA ASH LIBERATES CO2
Explosion Data – Sensitivity to Mechanical Impact: NOT APPLICABLE
Explosion Data – Sensitivity to Static Discharge: NOT APPLICABLE

REACTIVITY DATA

Chemical Stability: STABLE
Incompatible Substances: SIMULTANEOUS EXPOSURE TO SODA ASH AND LIME DUSTS (CaO) CAN REACT VIOLENTLY WITH RED HOT ALUMINUM METAL, LITHIUM AND 1,4,6, - TRINITROLOLUENE.
Conditions of Reactivity: MAY CORRODE FERROUS METALS AND MILD STEEL IN PRESENCE OF MOISTURE.
Hazardous Decomposition Products: HEATING SODA ASH LIBERATES CO2, Na2CO3 (SOLID) + CO2 (GAS)

TOXICOLOGICAL PROPERTIES

Effects of Acute Exposures:

Eye Contact:	MAY IRRITATE OR BURN EYES
Skin Contact:	MAY CAUSE SKIN IRRITATION FROM PROLONGED CONTACT ESPECIALLY IN HOT WEATHER.
Inhalation:	DUST OR MIST INHALATION MAY IRRITATE NOSE, THROAT AND LUNGS.
Ingestion:	ALTHOUGH LOW IN TOXICITY, INGESTION CAN BE HARMFUL. MAY CAUSE NAUSEA, VOMITING, STOMACH ACHE AND DIARRHEA. MAY IRRITATE THE GASTROINTESTINAL TRACT AND CAUSE NAUSEA, VOMITING AND PURGING.
Effects of Chronic Exposure:	EXCESSIVE CONTACT MAY PRODUCE 'SODA ULCERS' ON HANDS AND PERFORATION OF THE NASAL SEPTUM
Exposure Limits:	SEE PAGE 1 FOR TOXICITY INFORMATION.
Irritancy of Product:	EYE AND SKIN IRRITANT
Sensitization to Material:	SENSITIVITY REACTIONS MAY OCCUR FROM PROLONGED AND REPEATED EXPOSURE.
Carcinogenicity:	NONE
Reproductive Toxicity:	NOT AVAILABLE
Teratogenicity:	NOT AVAILABLE
Mutagenicity:	NOT AVAILABLE
Toxicologically Synergistic Products:	NOT AVAILABLE

PREVENTIVE MEASURES

Personal Protective Equipment:	CHEMICAL RESISTANT GLOVES, CHEMICAL SAFETY GOGGLES, IN DUSTY ATMOSPHERE, USE AN APPROVED DUST RESPIRATOR, SAFETY SHOES, IMPERVIOUS PROTECTIVE CLOTHING
Engineering Controls:	LOCAL EXHAUST. IN ALL AREAS WHERE DUSTY OR MISTY CONDITIONS PREVAIL.
Handling Procedure and Equipment:	AVOID CONTACT WITH EYES, SKIN AND CLOTHING AVOID BREATHING DUST OR MIST.
Storage Requirements:	STORE IN A COOL DRY PLACE
Procedures for Handling Leaks or Spills	PICK UP SOLIDS AND PLACE IN A TIGHTLY SEALED CONTAINER. CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER. KEEP CONTAMINATED WATER FROM ENTERING SEWERS AND WATER COURSES.
Waste Disposal:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS

FIRST AID MEASURES

Eyes:	FLUSH EYES WITH RUNNING WATER FOR 15 MINS. HOLD THE EYELIDS APART DURING RINSING TO ENSURE FLUSHING OF THE ENTIRE SURFACE OF THE EYE. GET IMMEDIATE MEDICAL ATTENTION.
Skin:	REMOVE ANY CONTAMINATED CLOTHING AND WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

PAGE THREE

NEUTRALIZE

Inhalation: GIVE WATER, DO NOT INDUCE VOMITING
CALL A PHYSICIAN.

Ingestion: REMOVE TO FRESH AIR. RESTORE AND/OR
SUPPORT BREATHING.

PREPARATION INFORMATION

Date Prepared: January 2016
Prepared by: Lab Personnel
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