

SPRAKITA PRODUCTS

7171 TORBRAM ROAD #42, MISSISSAUGA, ONTARIO L4T 3W4

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SECTION I - PRODUCT INFORMATION

Product Name: CHLORINE BLEACH

Trade Name: CHLORINE BLEACH

Chemical Name: SODIUM HYPOCHLORITE

Chemical Formula: NOT APPLICABLE

Chemical Family: N/A

Molecular Weight: NOT APPLICABLE

Product Use: REFER TO LABEL

In case of Emergency Call: 1-613-996-6666 CANUTEC

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	APROX. CON. (%)	CAS REGISTRY NUMBER	LD50 (mg/Kg) (route and species)	LC50 (species) (ppm)
SODIUM HYPOCHLORITE	3 - 7	7681-52-9	N/A	N/A

SECTION III - PHYSICAL DATA

Physical State: LIQUID

Specific Gravity: 1.095

Odour Threshold: N/A

Evaporation Rate: SIMILAR TO WATER

Boiling Point: 50 C

Freezing Point: N/A

pH: 12.25-13.0

Vapour Density: N/A

Vapour Pressure (mmHg): N/A

% Volatile: >90

Coefficient of Water/Oil Distribution: N/A

Odour and Appearance: CLEAR, YELLOW-GREEN, MILD CHLORINE

Solubility (in Water): COMPLETELY SOLUBLE

SECTION IV - FIRE OR EXPLOSION DATA

Flammability: N/A

Means of Extinction: WATER, DRY CHEMICAL, CARBON DIOXIDE

Special Procedures: RESPIRATORY PROTECTION IS REQUIRED BY FIRE FIGHTING PERSONNEL.

Upper Flammable Limit: (% VOL.) NOT APPLICABLE

Lower Flammable Limit: (% VOL.) NOT APPLICABLE

Flash Point: N/A

Auto Ignition Temperature: (C) N/A

CHLORINE BLEACH

Explosion Data - Sensitivity to Mechanical Impact: NONE

Explosion Data - Sensitivity to Static Discharge: NONE

Hazardous Combustion Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN AND SULPHUR.

SECTION V - REACTIVITY DATA

Chemical Stability: STABLE.

Incompatibility with Other Substances: STRONG MINERAL ACIDS, EG.H₂SO₄, OXIDIZERS AND REDUCING AGENTS.

Conditions of Reactivity: NONE

Hazardous Decomposition Products: OXIDES OF CARBON

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry

Skin Contact x Eye Contact x Inhalation Ingestion x

Effects of Chronic Exposure to Product: INHALATION CAN CAUSE INFLAMMATION OF THE LUNGS, HEADACHE AND DIZZINESS. PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.

Effects of Acute Exposure to Product: MAY IRRITATE UPPER RESPIRATORY TRACT. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. WILL IRRITATE EYES AND MAY CAUSE BURNING SENSATION. MAY CAUSE GASTROINTESTINAL DISCOMFORT.

SECTION VI - TOXICOLOGICAL PROPERTIES

Exposure Limits (TLV): 25 ppm – SKIN FOR BUTYL CELLOSOLVE

Irritancy of Product: EYE IRRITANT, SKIN IRRITANT.

Toxicological Synergistic Products: NONE KNOWN.

Sensitivity to Product: NONE KNOWN

LD50 of Product: NOT AVAILABLE.

LC50 of Product: NOT AVAILABLE.

Carcinogenicity, Reproductive Effects, Mutagenicity and Embryo Toxicity: FORMALDEHYDE IS PRESENT AT < 0.05%. FORMALDEHYDE IS A SUSPECTED HUMAN CARCINOGEN. NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment : SKIN AND EYE PROTECTION ARE RECOMMENDED BY THE MANUFACTURER.

Gloves: RUBBER

CHLORINE BLEACH

Respiratory: RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED.

Eye: MATERIAL IS GOING TO BE HANDLED IN A MANNER WHERE SPLASHING MAY OCCUR, THE USE OF SAFETY GLASSES IS RECOMMENDED.

Footwear: N/A

Other Equipment: N/A

Engineering Controls: NATURAL VENTILATION.

Leak and Spill Procedure: LARGE AMOUNTS SHOULD BE COLLECTED IN CONTAINERS. PREVENT SPILLS FROM ENTERING SEWERS/WATERWAYS. FLOORS MAY BE SLIPPERY.

Waste Disposal: DISPOSE OF ABSORBED MATERIAL WITH MUNICIPAL GARBAGE. FOR LARGE QUANTITIES CONTACT LOCAL ENVIRONMENTAL AUTHORITIES.

Handling Procedures and Equipment: WEAR GLOVES AND GOGGLES. AVOID INHALING VAPOS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REWEARING. AVOID SKIN AND EYE CONTACT.

Storage Requirements: STORE BETWEEN 5 – 35 C.

Special Shipping Information: NOT REGULATED UNDER TDG.

SECTION VIII - FIRST AID MEASURES

Inhalation: INHALATION SHOULD NOT POSE A SERIOUS HEALTH THREAT, HOWEVER, IF AFFECTED BY INHALATION- REMOVE PERSON TO FRESH AIR AND SEEK MEDICAL HELP.

Ingestion: IF SWALLOWED, GIVE CONSCIOUS VICTIM PLENTY OF WATER OR MILK. CONTACT A PHYSICIAN IMMEDIATELY.

Eye Contact: IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF TEPID WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES. SEEK MEDICAL HELP.

Skin Contact: WASH WITH SOAP AND WATER. KEEP CONTAMINATED CLOTHING AWAY FROM SKIN. CONTACT PHYSICIAN IF IRRITATION PERSISTS.

SECTION IX - PREPARATION INFORMATION

Prepared by: SPRAKITA PRODUCTS

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Note: The information supplied in this document is true and accurate to the best of our knowledge; however, SPRAKITA does not guarantee the data, nor does it assume liability or responsibility for any actions or results taken or obtained based on this MSDS.