

SPRAKITA PRODUCTS

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

TEL: 905-678-9117 FAX: 905-678-9452

SECTION I - PRODUCT INFORMATION

Product Name: LEMON-QUAT GERMICIDAL Trade Name: LEMON-QUAT GERMICIDAL

Chemical Name: NOT APPLICABLE Chemical Formula: NOT APPLICABLE

Chemical Family: WATER BASED Molecular Weight: NOT APPLICABLE

Product Use: GERMICIDAL DETERGENT

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)
ALKYL PHENOL ETHOXYLATE SODIUM SESQUICARBONATE	5 - 10	9016-45-9	2830	N/A
BARDAC 205M	1 - 5	533-96-0	5600 ORAL RAT	N/A
FORMALDEHYDE	5 - 10	68424-95-3	421	N/A
	<1.0	50-00-0	270	250

SECTION III - PHYSICAL DATA

Physical State: LIQUID

Specific Gravity: 0.98 - 1.02

Odour Threshold: N/A

Evaporation Rate: N/A

Boiling Point: 100 C

Freezing Point: 0 C

pH: 7.0 - 9.0

Vapour Density: N/A

Vapour Pressure(mmHg): N/A

% Volatile: 90

Coefficient of Water/Oil Distribution:N/A

Odour and Appearance: LEMON ODOR, YELLOW COLOUR

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

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.

LEMON-QUAT GERMICIDAL

Gloves:	RUBBER
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 VAPOURS. 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

Phone: (905) 678-9117

Date of Preparation: FEBRUARY 11, 2011.

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.