

SPRAKITA PRODUCTS

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

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SECTION I - PRODUCT INFORMATION

Product Name: AUTOMATIC DISH WASHING LIQUID Trade Name: IMPACT LIQUID WASH
 Chemical Name: NOT APPLICABLE Chemical Formula: NOT APPLICABLE
 Chemical Family: COMPLEX MIXTURE Molecular Weight: NOT APPLICABLE
 Product Use: DISH WASHING LIQUID FOR MACHINE USE
 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 HYDROXIDE	<15.0	1310-75-2	N.A.V	N.A.V

NON-HAZARDOUS INGREDIENTS	APROX. CON. (%)	CAS REGISTRY NUMBER
NONIONIC SURFACTANT BLEND	<2.0	N.A.V
BALANCE NON-HAZARDOUS INGREDIENTS	>83.0	N.A.V

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

CAUTION: Corrosive material. Avoid eye contact. Can cause skin/eye irritation and or burns.

HMS rating Health:2 / Flammability: 0 / Reactivity: 0 / Personal Protection Index: C

NFPA Rating- Health: 2 / Flammability: 0 / Reactivity: 0 / Special Hazard: Corrosive

NFPA/HMS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained by using the guidelines or published evaluations prepared by the National Fire Protection association (NFPA) or the National Paint and Coating Association (for HMS ratings).

SECTION III - PHYSICAL DATA

Physical State: LIQUID Specific Gravity: 1.105 (WATER = 1)
 Boiling Point: > 212 °F Freezing Point: 35 °F
 pH: 13.3 % Volatile: 0
 Bulk Density: 9.22 pH (5% B.V.): 12.2
 Odour and Appearance: mild in odour, red in colour Solubility (in Water): COMPLETE
 Volatile Organic Compounds (VOC): 0

SECTION IV - FIRE OR EXPLOSION DATA

AUTOMATIC DISH WASHING LIQUID

Flammability: NO

Special Procedures (Fire Fighting Instruction): As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water. Contaminated extinguishing water must be disposed of in accordance with applicable regulations.

Upper Flammable Limit: (% VOL.): N.A.V

Lower Flammable Limit: (% VOL.): N.A.V

Flash Point: (C) NONE

COC Flash Point: None

TCC Flash Point: None

Auto Ignition Temperature: None

Explosion Data - Sensitivity to Mechanical Impact: N.A.V

Explosion Data - Sensitivity to Static Discharge: N.A.V

Hazardous Combustion Products: N.A.V.

Flammable Limits In Air: LEL: None UEL: None

Extinguishing Media: Will not burn.

Fire and Explosion Hazards: Material will not burn.

SECTION V - REACTIVITY DATA

Chemical Stability: STABLE.

Polymerization: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

Incompatibility with Other Substances: WILL REACT WITH ACIDIC MATERIALS.

Conditions of Reactivity: NONE

Hazardous Decomposition Products: DECOMPOSITION WILL NOT OCCUR IF HANDLED AND STORED PROPERLY.

Conditions to avoid: THIS MATERIALS IS SAFE UNDER NORMAL STROAGE AND HANDLING CONDITIONS.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry

Skin Contact x Eye Contact x Inhalation x Ingestion

Effects of Acute Exposure to Product: CAN CUASE SEVERE EYE IRRITATION INCLUDING BURN CONATCT MAY CAUSE SKIN IRRITATION, RASH OR BURNS. MAY CAUSE DIARRHEA AND OR VOMITING ALONG WITH TISSUE BRUNS. MAY BE IRRITATING IF INHALED.

SECTION VI - TOXICOLOGICAL PROPERTIES

Exposure Limits (TLV): N.A.V

Irritancy of Product: IRRITANT

Toxicological Synergistic Products: NONE KNOWN.

Sensitivity to Product: NOT AVAILABLE

LD50 of Product: NOT AVAILABLE.

LC50 of Product: NOT AVAILABLE.

Carcinogenicity, Reproductive Effects, Mutagenicity and Embryo Toxicity: NO CANCER KNOWN HAZARDS.

SECTION VII - PREVENTIVE MEASURES

Safeguards (Personnel): PROTECT SKIN AND EYES FROM EXPOSURE.

Personal Protective Equipment : WEAR AN APRON AND PROTECTIVE CLOTHING.

Gloves: WEAR PROTECTIVE GLOVES TO MINIMIZE SKIN CONTACT. WASH HANDS THOROUGHLY AFTER HANDLING.

Respiratory: UNDER NORMAL USE CONDITIONS, WITH ADEQUATE VENTILATION, NO SPECIAL HANDLING EQUIPMENT IS REQUIRED.

Eye: WHEN SPLASHING OF THE MATERIAL MAY OCCUR, CHEMICAL GOOGLES AND A FACE SHIELD ARE RECOMMENDED. USE CHEMICAL SPLASH GOOGLES AND FACE SHIELD. (ANSI Z87-1 OR APPROVED EQUIVALENT).

Footwear: N/A

Other Equipment: N/A

Engineering Controls: NO SPECIAL VENTILATION REQUIREMENTS.

Leak and Spill Procedure: **LARGE SPILLS:** ABSORB SPILL WITH INERT MATERIAL (EG, DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. CLEAN UP SPILLS IMMEDIATELY, OBSERVING PRECAUTIONS IN PROTECTIVE EQUIPMENT SECTION. TREAT OR DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE/PROVINCIAL AND NATIONAL REQUIREMENTS.

SMALL SPILLS: WASH WITH WATER OR ABSORB SPILLS INERT MATERIAL. TREAT OR DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE/PROVINCIAL, AND NATIONAL REQUIREMENTS.

Waste Disposal: DILUTE OR NEUTRALIZE WITH ACID AND DISCHARGE TO AN INDUSTRIAL SEWAGE TREATMENT FACILITY. TREAT OR DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE/PROVINCIAL, AND NATIONAL REQUIREMENTS. FOR ADDITIONAL WASTE DISPOSAL INFORMATION CONTACT SPRAKITA PRODUCTS AT (905) 678-9117.

Contaminated Materials: WASH CONTAMINATED CLOTHING BEFORE REUSE.

Container Disposal: CLEAN OUT CONTAINERS PRIOR TO DISPOSAL.

Handling Procedures and Equipment: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. KEEP CONTAINER CLOSED TO AVOID CONTAMINATION.

Storage Requirements: MAXIMUM: 4.4 °C (39.9°F)
MINIMUM: 48.9 °C (120.0 °F)

AUTOMATIC DISH WASHING LIQUID

AVOID EXTREME TEMPERATURES.

Misc: SLIPPERY, CAN CAUSE FALLS IF WALKED ON.

SECTION VIII - FIRST AID MEASURES

Inhalation: NOT AN EXPECTED ROUTE OF EXPERIENCE. REMOVE FROM AREA OF EXPOSURE. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION OR DISTRESS CONTINUES.

Ingestion: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING.

Eye Contact: HOLD EYELIDS APART AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

Skin Contact: IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

TRANSPORTATION INFORMATION

Product Label: Automatic Dish Washing Liquid: Impact Liquid Wash
D.O.T Shipping Name: Corrosive
Technical Shipping Name: Sodium Hydroxide based Alkaline Cleaner, Liquid
D.O.T Hazard Class: Corrosive
UN Number: 1760 Corrosive Liquid, NOS
Product RQ (LBS): 20,000
D.O.T Label: Corrosive Liquid
D.O.T Placard: #8
Bulk Class: N/A
Package Class: 55

REGULATORY INFORMATION

EEC Symbols and Indications of Danger: Corrosive (C)

R-Phrases: R36/38 - Irritating to eyes and skin.
S-Phrases: S24/25 - Avoid contact with skin and eyes.

WHMIS Hazard Symbols: Class E Corrosive Material.

Canadian Disclosure List: Potassium Hydroxide (1310-58-3)

CERCLA Hazardous Substances: Potassium Hydroxide (1310-58-3) - RQ 1000 lb

MISCELLANEOUS INFORMATION: This material or all of its components are listed of the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

SECTION IX - PREPARATION INFORMATION

Prepared by: SPRAKITA PRODUCTS

Phone: (905) 678-9117

Date of Preparation: APRIL 7, 2008.

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.