

SPRAKITA PRODUCTS

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SECTION I - PRODUCT INFORMATION

Product Name: **GLASS CLEAN**

Trade Name: GLASS CLEAN

Chemical Name: N.AP

Chemical Formula: NOT APPLICABLE

Chemical Family: WATER BASED

Molecular Weight: NOT APPLICABLE

Product Use: INDUSTRIAL GLASS CLEANER

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 (ppm) (species)
ISOPROPYL ALCOHOL	15 – 40	67-63-0	5840 ORAL RAT	16000 8HR.RAT
2-AMINO-2-METHYL-1-PROPANOL-AMP95	0.1 – 1	124-68-5	N.AV	N.AV
AMMONIUM HYDROXIDE	0.1 – 1	1336-21-6	350 ORAL RAT	4837 1HR.MOUSE

SECTION III - PHYSICAL DATA

Physical State: LIQUID

Specific Gravity: 0.92 – 0.98

Odour Threshold: N.AV

Evaporation Rate: >1 (nBuAc=1)

Boiling Point: 95 – 100 C

Freezing Point: < 0 C

pH: N.AV

Vapour Density: N.AV

Vapour Pressure(mmHg): 20 @ 20 C

% Volatile: 100

Coefficient of Water/Oil Distribution: N/A

Odour and Appearance: AMMONIA ODOUR, BLUE COLOUR

Solubility (in Water): SOLUBLE

SECTION IV - FIRE OR EXPLOSION DATA

Flammability: YES, AVOID HEAT, SPARKS, AND IGNITION SOURCES

Means of Extinction: WATER, DRY CHEMICAL, CARBON DIOXIDE

Special Procedures: SELF CONTAINED BREATHING APPARATUS MUST BE WORN BY FIREFIGHTING PERSONNEL.

Upper Flammable Limit: (% VOL.): N.AV

Lower Flammable Limit: (% VOL.): N.AV

GLASS CLEAN

Flash Point: (C) >40

Auto Ignition Temperature: (C) N/A

Explosion Data - Sensitivity to Mechanical Impact: N.AV

Explosion Data - Sensitivity to Static Discharge: N.AV

Hazardous Combustion Products: OXIDES OF CARBON AND NITROGEN, AMMONIA GAS.

SECTION V - REACTIVITY DATA

Chemical Stability: STABLE.

Incompatibility with Other Substances: STRONG OXIDIZERS, ALUMINUM AT HIGH TEMPERATURES.

Conditions of Reactivity: NONE

Hazardous Decomposition Products: OXIDES OF CARBON, TRACES OF AMMONIA GAS.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry

Skin Contact x Eye Contact x Inhalation Ingestion x

Effects of Chronic Exposure to Product: INHALATION OF HIGH CONCENTRATION CAN PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. SYMPTOMS: DIZZINESS, DROWZINESS, HEADACHE, POSSIBLE LOSS OF MEMORY, FEELING OF DRUNKINESS. SEVERE OVEREXPOSURE – UNCONSCIOUS.

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

SECTION VI - TOXICOLOGICAL PROPERTIES

Exposure Limits (TLV): 400 ppm FOR ISPORPYL ALCOHOL

Irritancy of Product: EYE IRRITANT. SEVERE IRRITANT UPON PROLONGED EXPOSURE.

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: NO INGREDIENTS ARE LISTED AS CARINOGEN BY NIOSH, IARC, OR ACGIH. NO REPRODUCTIVE EFFECTS ARE ANTICIPATED.

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment : SKIN AND EYE PROTECTION RECOMMENDED.

GLASS CLEAN

Gloves:	RUBBER
Respiratory:	RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED.
Eye:	IF 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:	AVOID BREATHING VAPOURS, SKIN 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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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.