

SPRAKITA PRODUCTS

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

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

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

SPRAKITA PRODUCTS

7171 TORBRAM RD. UNIT 41 & 42
MISSISSAUGA, ON L4T 3W4
EMERGENCY#: 613-996-6666 CANUTEC

DATE OF PREPARATION:

Day: 25
Month: September
Year: 2020

PRODUCT NAME

Trade Name:
Chemical Name:
Chemical Formula:
Chemical Family:
Molecular Weight:
Product Use:
NPN#:

GERMS AWAY HAND SANITIZER

GERMS AWAY HAND SANITIZER
NOT APPLICABLE
NOT APPLICABLE
COMPLEX MIXTURE
NOT APPLICABLE
HAND SANITIZER
80102700

Section 2. HAZARDS IDENTIFICATION

Hazard Classification

Physical Hazards	Flammable liquids	Category 2
Health Hazards	Eye irritation	Category 2A

Label Elements

Symbols



Signal word

Danger

Hazard Statements

Highly flammable liquid and vapour.
Causes serious eye irritation.

Precautionary statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Ingestion

IF SWALLOWED: Rinse mouth. Do not vomit.

Skin

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal

Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise

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Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Ingredients	CON. APPROX. (%)	# CAS REGISTRY
Isopropyl alcohol	70-75	67-63-0

Section 4. FIRST AID MEASURES

General advice: Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled: Consult a physician after significant exposure.
If unconscious place in recovery position and seek medical advice.

In case of skin contact: Wash with water and soap as a precaution.
Get medical attention if irritation develops and persists.

In case of eye contact: Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Section 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: Carbon oxides

Specific extinguishing methods: Use a water spray to cool fully closed containers.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.
Use personal protective equipment.

NFPA Flammable and Combustible Liquids Classification: Flammable Liquid Class IB

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment, ensure adequate ventilation.

Remove all sources of ignition. Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations.
Vapours can accumulate in low areas.

Environmental precautions: Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Section 7. HANDLING AND STORAGE

Advice on safe handling: Avoid over exposure - obtain special instructions before use.
Avoid contact with eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
67-63-0	Isopropyl alcohol	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	NIOSH REL
		ST	500 ppm 1,225 mg/m ³	NIOSH REL
		TWA	400 ppm 980 mg/m ³	OSHA Z-1
		TWA	400 ppm 980 mg/m ³	OSHA P0
		STEL	500 ppm 1,225 mg/m ³	OSHA P0

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Isopropyl alcohol	67-63-0	Acetone	In urine	End of shift at end of work-week	40 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.
In the case of vapour formation use a respirator with an approved filter.

Hand protection
Remarks: No special protective equipment required.

Eye protection: Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: No special protective equipment required.

Hygiene measures: When using do not eat or drink.
When using do not smoke.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Colour: Clear, Colorless
Odour: alcohol-like
Odour Threshold: No data available
pH: 7 @ 20 - 25 °C (68 - 77 °F)
Freezing Point (Melting point /freezing point): -92 - -89 °C (-134 - -128 °F)
Boiling Point (Boiling point/boiling range): 82 - 82.3 °C (180 - 180.1 °F)
Flash point: 24 °C (75°F)
Evaporation rate: 2
(Butyl Acetate = 1)
Flammability (solid, gas): No data available
Burning rate: No data available
Upper explosion limit: 12 - 19 %(V)
Lower explosion limit: 2.0 - 3.3 %(V)
Vapour pressure: 33 - 45.4 mmHg @ 20 °C (68 °F)
Relative vapour density: 2.1 @ 15 - 20 °C (59 - 68 °F)
(Air = 1.0)
Relative density: 0.7855 - 0.79 @ 20 °C (68 °F)
Reference substance: (water = 1)
Density: 0.79 g/cm³ @ 20 °C (68 °F)
Bulk density: No data available
Solubility(ies)
Water solubility: completely miscible
Solubility in other solvents: No data available
Partition coefficient:
n-octanol/water: log Pow: 0.05 @ 25 °C (77 °F)
Auto-ignition temperature: 363 - 425 °C
Thermal decomposition: No data available
Viscosity
Viscosity, dynamic: 2.4 - 2.43 mPa.s @ 20 °C (68 °F)
Viscosity, kinematic: 2.6 mm²/s @ 25 °C (77 °F)

Section 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: No hazards to be specially mentioned.
Conditions to avoid: Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials: Acetaldehyde
Aldehydes
aluminum
Alkali metals
Amines
Chlorine
Ethylene oxide
halogens
Iron
isocyanates
Strong acids
Strong oxidizing agents
Hazardous decomposition products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

67-63-0:

Acute oral toxicity: LD50 (Rat): 5,045 mg/kg

Acute inhalation toxicity: LC50 (Rat): 16000 ppm

Acute dermal toxicity: LD50 (Rabbit): 12,800 mg/kg

Skin corrosion/irritation

Product:

Result: Irritating to skin.

Components:

67-63-0:

Species: Rabbit

Result: Mild skin irritation

Serious eye damage/eye irritation

Product:

Result: Irritating to eyes.

Components:

67-63-0:

Species: Rabbit

Result: Irritating to eyes.

Respiratory or skin sensitization

Germ cell mutagenicity

Components:

67-63-0:

Genotoxicity in vitro: Test Type: Ames test
Test species: Salmonella typhimurium
Result: negative

Genotoxicity in vivo: Test Type: In vivo micronucleus test
Test species: Mouse
Method: OECD Test Guideline 474
Result: negative

Germ cell mutagenicity
- Assessment: Did not show mutagenic effects in animal experiments.

Carcinogenicity

Components:

67-63-0:

Species: Rat

NOAEL: 5,000 ppm

Method: OECD Test Guideline 451

Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

Reproductive toxicity

Components:

67-63-0:

Reproductive toxicity

- Assessment: Animal testing did not show any effects on fertility.
Did not show teratogenic effects in animal experiments.

STOT - single exposure

Product: No data available

Components:

67-63-0:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Central nervous system	May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.	

STOT - repeated exposure**Product:**

No data available

Components:

67-63-0:

No data available

Aspiration toxicity**Product:**

No aspiration toxicity classification

Further information**Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity**Components:****67-63-0:**

Toxicity to fish:

LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

LC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae:

Remarks: No data available

Persistence and degradability**Product:**

Biodegradability:

Remarks: Readily biodegradable

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information:

No data available

Section 13. DISPOSAL CONSIDERATIONS
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Disposal methods

Waste from residues:

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging:

Empty remaining contents.
Dispose of as unused product.

Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

Section 14. TRANSPORT INFORMATION

TDG: UN 1987, ALCOHOLS N.O.S (Isopropanol), 3, III
LIMITED QUANTITY <5L
IATA (International Air Transport Association): UN 1987, ALCOHOLS N.O.S (Isopropanol), 3, III
IMDG (International Maritime Dangerous Goods): UN 1987, ALCOHOLS N.O.S (Isopropanol), 3, III
DOT (Department of Transportation): UN 1987, ALCOHOLS N.O.S (Isopropanol), 3, III

Section 15. REGULATORY INFORMATION

OSHA Hazards: Flammable liquid, Moderate skin irritant, Moderate eye irritant

WHMIS Classification: B2: Flammable liquid
D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard
Immediate (Acute) Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

67-63-0	Isopropyl alcohol	100 %
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Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

67-63-0	Isopropyl alcohol	90 - 100 %
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Pennsylvania Right To Know

67-63-0	Isopropyl alcohol	90 - 100 %
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New Jersey Right To Know

67-63-0	Isopropyl alcohol	90 - 100 %
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California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

United States TSCA Inventory	y (positive listing) (On TSCA Inventory)
Canadian Domestic Substances List (DSL)	y (positive listing) (All components of this product are on the Canadian DSL.)
Australia Inventory of Chemical Substances (AICS)	y (positive listing) (On the inventory, or in compliance with the inventory)
New Zealand. Inventory of Chemical Substances	y (positive listing) (On the inventory, or in compliance with the inventory)
Japan. ENCS - Existing and New Chemical Substances Inventory	y (positive listing) (On the inventory, or in compliance with the inventory)
Korea. Korean Existing Chemicals Inventory (KECI)	y (positive listing) (On the inventory, or in compliance with the inventory)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing) (On the inventory, or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC)	y (positive listing) (On the inventory, or in compliance with the inventory)

Section 16: OTHER INFORMATION

Legend:

NA - Not Applicable w/w - weight/weight
 ND - Not Determined w/v - weight/volume
 NV - Not Available v/v - volume/volume
 ACGIH - American Conference of Government Industrial Hygienists
 LD50 - Lethal Dose 50%
 AICS - Australia, Inventory of Chemical Substances
 LOAEL - Lowest Observed Adverse Effect Level
 DSL - Canada, Domestic Substance List
 NFPA - National Fire Protection Agency
 NDSL - Canada, Non-Domestic Sub-stances List
 NIOSH - National Institute for Occupational Safety & Health
 CNS - Central Nervous System
 NTP - National Toxicology Program
 CAS - Chemical Abstract Service
 NZIoC - New Zealand Inventory of Chemicals
 EC50 - Effective Concentration
 NOAEL - No Observable Adverse Effect Level
 EC50 - Effective Concentration 50%
 NOEC - No Observed Effect Concentration
 EGEST - EOSCA Generic Exposure Scenario Tool
 OSHA - Occupational Safety & Health Administration
 EOSCA - European Oilfield Specialty Chemicals Association
 PEL - Permissible Exposure Limit
 EINECS - European Inventory of Existing Chemical Substances
 PICCS - Philipines Inventory of Commercial Chemical Substances
 MAK - Germany Maximum Concentration Values
 PRNT - Presumed Not Toxic
 GHS - Globally Harmonized System
 RCRA - Resource Conservation Recovery Act
 >= - Greater Than or Equal To
 STEL - Short-term Exposure Limit
 IC50 - Inhibition Concentration 50%
 SARA - Superfund Amendments and Reauthorization Act.
 IARC - International Agency for Re-search on Cancer
 TLV - Threshold Limit Value
 IECSC - Inventory of Existing Chemical Substances in China
 TWA - Time Weighted Average
 ENCS - Japan, Inventory of Existing and New Chemical Substances
 TSCA - Toxic Substance Control Act

KECI - Korea, Existing Chemical Inventory

UVCB - Unknown or Variable Composition, Complex Reaction Products, and Biological Materials

<= - Less Than or Equal To

WHMIS - Workplace Hazardous Materials In-formation System

LC50 - Lethal Concentration 50%

REF: SPK-02/11;RK-01/14;KC-11/18/14;KC-12/23/2016; DS 5/23/17; KR-09/25/2020

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 SDS.