

SPRAKITA PRODUCTS

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

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SAFETY DATA SHEET

Date of Preparation: 03/10/2020

Revision Date: 03/13/2020

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Germs Away Spray Version

Type of Product: Hand & Surface Sanitizer

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: N/A.

Uses advised against: N/A.

1.3 Details of the supplier of the safety data sheet

Company: Sprakita Products
7171 Torbram Rd. Unit 41 & 42
Mississauga, Ontario,
L4T 3W4

Telephone: 905-678-9117

Fax: 905-678-9452

E-Mail Address: Sprakita.Sales@bellnet.ca

1.4 Emergency telephone number

24-hour emergency number: 800-424-9300 CHEMTREC - USA

24-hour emergency number: 613-996-6666 CANUTEC - CANADA

Section 2. Hazards Identification

GHS Classification
Flammable liquids: Category 2

Eye irritation:
Specific target organ
toxicity - single exposure: Category 3 (Central nervous system)

GHS Label element
Hazard pictograms:



Signal word: Danger

Hazard statements:
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear eye protection/ face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Emergency Overview

Appearance	Liquid
Color	Clear, Colorless
Odor	Alcohol-like
Hazard Summary	No information Available

Section 3. Composition/Information on Ingredients

Substance / Mixture:

Substance

Hazardous components

CAS-No.	Chemical Name	Concentration (%)
64-17-5	Ethyl Alcohol	70
7732-18-5	D.I. Water	30

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 (CO ₂) 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 formation of aerosol. Do not breathe vapours/dust. Avoid 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
64-17-5	Ethyl Alcohol	TWA	1000ppm 1880 mg/m ³	CA AB OEL
		STEL	1000ppm	CA BC OEL
		TWAEV	1000ppm 1880 mg/m ³	CA QC OEL
		STEL	1000ppm	ACGIH

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:	12 - 13 °C (54 - 55 °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/cm ³ @ 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 mm ² /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. Toxicology Information

Acute toxicity

Components:

Ethyl Alcohol

Acute oral toxicity: LD50 (Rat): >5000 mg/kg

Acute inhalation toxicity: LC50 (Rat): 124.7 mg/l
Exposure time 4h
Test atmosphere: Vapour

Skin corrosion/irritation

Product:

Not classified based on available information.

Components:

Ethyl Alcohol

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation

Product:

Result: Irritating to eyes.

Components:**Ethyl Alcohol**

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

Germ cell mutagenicity**Components:**

Genotoxicity in vitro: Test Type: In vitro mammalian cell gene mutation test

Result: negative

Genotoxicity in vivo:

Test Type: Rodent dominant lethal test (germ cell) (in vivo)

Test species: Mouse

Application Route: Ingestion

Result: negative

Carcinogenicity Not classified based on available information

Reproductive toxicity: Not classified based on available information

STOT - repeated exposure**Product:**

No data available

Components:**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.

Section 12. Ecological Information

Ecotoxicity

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

Section 13. Disposal Considerations

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:	UN1987, Alcohols N.O.S, 3, III, (Ethanol) ERG: 127
IATA (International Air Transport Association):	UN1987, Alcohols N.O.S, 3, III, (Ethanol)
IMDG (International Maritime Dangerous Goods):	UN1987, Alcohols N.O.S, 3, III, (Ethanol)

DOT (Department of Transportation): UN1987, Alcohols N.O.S, 3, III, (Ethanol)

LIMITED QUANTITY UNDER 5L

Section 15. Regulatory Information

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

Effects: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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

TSCA: On

TSCA Inventory

AICS: On the inventory, or in compliance with the inventory

DSL: On the inventory, or in compliance with the inventory

ENCS: On the inventory, or in compliance with the inventory

ISHL: On the inventory, or in compliance with the inventory

KECI: On the inventory, or in compliance with the inventory

PICCS: On the inventory, or in compliance with the inventory

IECSC: On the inventory, or in compliance with the inventory

NZIoC: On the inventory, or in compliance with the inventory

Inventories AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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: NEX-9/3/2015;KC-11/9/2015;revSG-6/29/2016;revKC-12/23/2016 ; DS-2/20/PUR

FOOTNOTES

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