

Safety Data Sheet

PURIZE HAND SANITIZER

SECTION 1. IDENTIFICATION

Product Identifier	PURIZE HAND SANITIZER and PURIZE GEL HAND SANITIZER
Other Means of Identification	NPN#80099090 and NPN#80098290
Other Identification	N/A
Product Family	Natural Health Product
Recommended Use	Hand Sanitizer.
Restrictions on Use	This is a natural health product that is safe for consumers and other users under normal and reasonably foreseeable use.
Manufacturer	UNITED SUPREME GROUP INC., 2620 22 St NE, CALGARY, AB, T2E 7L9, CANADA, 403-569-1101
Emergency Phone No.	PERS: North America 1-800-633-8253; International: +1-801-629-0667 Contract number: 8027

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Flammable liquid - Category 3; Eye irritation - Category 2

Label Elements



Signal Word:

Warning

Hazard Statement(s):

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

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 protective gloves/protective clothing/eye protection/face protection.

Response:

Product Identifier: PURIZE HAND SANITIZER - Ver. 1
Date of Preparation: May 4th, 2020
Date of Last Revision: May 4th, 2020

Signal Word:

Warning

Hazard Statement(s):

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H319 Causes serious eye irritation.

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.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Isopropanol	67-63-0	70	N/A	Isopropyl Alcohol

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Rinse with lukewarm, gently flowing water for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY. Do not transport victim until the recommended flushing period is completed unless flushing can be continued during transport. Where possible, consult an ophthalmologist.

Ingestion

Harmful if swallowed. DO NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

Causes moderate to severe irritation.

Immediate Medical Attention and Special Treatment

Target Organs

Not known.

Special Instructions

Treat symptomatically.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

Special Protective Equipment and Precautions for Fire-fighters

Use extreme caution. Evacuate area. Use self-contained breathing apparatus and protective clothing. Fight fire from a safe distance or a protected location.

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Spill Precautions: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Extinguish or remove all ignition sources. Remove or isolate flammable and combustible materials. Ventilate area. For large spills, notify government occupational health and safety and environmental authorities.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Do not use combustible materials such as sawdust as an absorbent. Eliminate all sources of ignition. Collect product for recovery or disposal.

Other Information

Contact supplier, local fire and emergency services for help.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Prevent skin contact. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation. Prevent uncontrolled release of product. Avoid release to the environment.

Conditions for Safe Storage

Keep away from food, drink and animal feeding stuffs. Keep container tightly closed in a cool, well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Isopropanol		400 ppm A4	400 ppm			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

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Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear liquid.
Odour	Not available
Odour Threshold	Not available
pH	6.5 - 7.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling Range	Not available
Flash Point	~ 19 °C
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Not available in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

High temperatures. Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Skin contact; eye contact; inhalation.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Isopropanol	> 16000ppm (Rodent Rat) 8H	5045 mg/kg (male rat)	> 15800 mg/kg (rabbit)
Isopropanol	> 2500ppm (rodent rat-6H/2Y)	7600 mg/kg (male rat)	> 15800 mg/kg (rabbit)

LC50 (Inhalation)

No information was located.

LD50 (Oral)

No information was located.

LD50 (Dermal)

No information was located.

Skin Corrosion/Irritation

Not a skin irritant.

Serious Eye Damage/Irritation

Causes serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

Harmful if swallowed. Ingestion is not a likely route of exposure. This product causes irritation, a burning sensation of the mouth and throat and abdominal pain.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Isopropanol	Group 3	A4	Not Listed	Not Listed

IARC: Group 1 – Carcinogenic to humans. Group 3 – Not classifiable as to its carcinogenicity to humans. ACGIH®: A3 – Confirmed animal carcinogen. A4 – Not classifiable as a human carcinogen.

Key to Abbreviations

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ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program. OSHA = US Occupational Safety and Health Administration.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

N/A

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1219	ISOPROPYL ALCOHOL SOLUTIONS	3	III
IATA (Air)	1219	ISOPROPYL ALCOHOL SOLUTIONS	3	III
IATA (Air)	1219	ISOPROPYL ALCOHOL SOLUTIONS	3	III
IMO (Marine)	1219	ISOPROPYL ALCOHOL SOLUTIONS	3	III

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

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SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

CANADA: This product is regulated as a natural health product (non-prescription drug).

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

CEPA - National Pollutant Release Inventory (NPRI)

Part 5. (Isopropanol)

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 1** **Flammability - 2** **Instability - 0**

SDS Prepared By APPLE CLEANING SUPPLIES

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Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
OSHA = US Occupational Safety and Health Administration
RTECS® = Registry of Toxic Effects of Chemical Substances

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