



 7600 Rte Transcanadienne St-Laurent, QC H4T 1A5	<h1>Safety Data Sheet</h1> <h2>(SDS)</h2>	Document ID: SDS-001
		Revision #: 02
	Page 1 of 14	Revision date: 2020-06-22

Section 1 - Identification of the Material and Supplier	
<b>Product Name</b>	Sanipur Hand Sanitizer gel – Clear
<b>Product Family</b>	Antiseptic (skin) cleanser
<b>Recommended Use</b>	For personal hand hygiene to help prevent the spread of germs.
<b>Restrictions on Use</b>	<p>This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.</p> <p>Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.</p> <p>For specific intended-use guidance, please refer to the information provided on the package.</p>
<b>Importer</b>	AK-PAK RICCI, 7600 Route Trans Canadian, St-Laurent, Quebec, Canada. H4T 1A5
<b>Emergency Telephone Number</b>	+1 514 382 4167 (General information: Monday - Friday 9:00am - 5:00pm)

Section 2 – Hazard Identification		
<b>GHS Hazard Classification</b>	Flammable liquids: Category 3 Eye irritation: Category 2A	
<b>GHS Label Elements</b>	<b>Hazard Pictograms</b>	 
	<b>Signal Word</b>	Danger
	<b>Hazard Statement</b>	H226 Flammable liquid and vapor H319 Causes serious eye irritation

Prepared by: Oluwaseyi Malachi, Preventive Control Coordinator  
Approved by: Rafi Moubaid, General Manager

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	<p><b>Precautionary Statements</b></p>	<ul style="list-style-type: none"> <li>• <b>Prevention:</b> <ul style="list-style-type: none"> <li>○ P233 Keep container tightly closed.</li> <li>○ P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.</li> <li>○ P242 Use only non-sparking tools.</li> <li>○ P243 Take precautionary measures against static discharge.</li> <li>○ P280 Wear protective gloves/ eye protection/ face protection.</li> <li>○ P241 Use explosion-proof [electrical/ ventilating/ lighting] equipment.</li> <li>○ P264 Wash skin thoroughly after handling.</li> </ul> </li> <li>• <b>Response:</b> <ul style="list-style-type: none"> <li>○ P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</li> <li>○ P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>○ P337 + P313 If eye irritation persists: Get medical advice/ attention.</li> </ul> </li> <li>• <b>Storage:</b> <ul style="list-style-type: none"> <li>○ P403 + P235 Store in a well-ventilated place. Keep cool.</li> </ul> </li> <li>• <b>Disposal:</b> <ul style="list-style-type: none"> <li>○ P501 Dispose of contents/ container to an approved waste disposal plant.</li> </ul> </li> </ul>
<p><b>Other hazards</b></p>	<p>Vapors may form explosive mixture with air.</p>	

### Section 3 - Composition / Information on ingredients

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Ingredients	Associated Names	CAS Number	Percentage % (w/w)
Ethanol	ALCOHOL; Ethyl alcohol	64-17-5	75.00
Water	AQUA	7732-18-5	15.90
2-Propanol	Isopropanol; ISOPROPYL ALCOHOL; Propan-2-ol	67-63-0	2.00
1,2,3-Propanetriol	GLYCERIN; Glycerol	56-81-5	2.00
Tetradecanoic acid, 1-methylethyl ester	ISOPROPYL MYRISTATE; Isopropyl myristate	110-27-0	1.50
1,2-Propanediol	1,2-Propylene glycol; PROPYLENE GLYCOL	57-55-6	1.50
2-Propenoic acid, homopolymer	Polyacrylic acid	9003-01-4	1.50
Aloe vera, extract	Aloes, extracts	85507-69-3	0.50
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl -2-(4,8,12-trimethyltridecyl)-, acetate, [2R*(4R*,8R*)]-	dl-.alpha.-Tocopheryl acetate	52225-20-4	0.10

## Section 4 - First Aid Measures

Route of exposure	Description of Necessary First Aid Measures
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Not applicable for normal use. If skin reaction or irritation occurs, discontinue use and seek medical attention.
<b>Eye Contact</b>	Immediately hold eyes open and wash with fresh running water. If easy to do, remove contact lens, if worn.  If pain persists or recurs, seek medical attention.



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<b>Ingestion</b>	If swallowed, DO NOT induce vomiting.  Immediately remove product from mouth and rinse mouth out with plenty of water. Then provide water slowly and as much as casualty can comfortably drink. If discomfort persists or symptoms develop, seek medical attention.
<b>Most Important Symptoms and Effects, Both Acute and Delayed.</b>	<b>Ingestion:</b> Alcohol Poisoning - low blood sugar, coma, and seizures. <b>Eye Contact:</b> Causes serious eye irritation
<b>Immediate Medical Attention and Special Treatment</b>	
<b>First Aid Facilities</b>	No special facilities required.
<b>Advice to Doctor</b>	Treat symptomatically.

Section 5 - Fire Fighting Measures	
<b>Suitable Extinguishing Media</b>	Water spray
	Alcohol-resistant foam
	Dry chemical
	Carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable Extinguishing Media</b>	High volume water jet
<b>Specific Hazards During Fire Fighting</b>	Do not use a solid water stream as it may scatter and spread fire.
	Flash back possible over considerable distance.
	Vapors may form explosive mixtures with air.
	Exposure to combustion products may be a hazard to health
<b>Hazardous Combustion Products</b>	Carbon oxides
<b>Specific Extinguishing Methods</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	Use water spray to cool unopened containers.
	Remove undamaged containers from fire area if it is safe to do so.

Prepared by: Oluwaseyi Malachi, Preventive Control Coordinator  
Approved by: Rafi Moubaid, General Manager



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	Evacuate area
<b>Special Protective Equipment for Fire-fighters</b>	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Section 6 - Accidental Release Measures	
<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment.
	Follow safe handling advice and personal protective equipment recommendations.
<b>Environmental precautions</b>	Discharge into the environment must be avoided.
	Prevent further leakage or spillage if safe to do so.
	Prevent spreading over a wide area (e.g. by containment or oil barriers).
	Retain and dispose of contaminated wash water.
	Local authorities should be advised if significant spillages cannot be contained.
<b>Methods and materials for containment and cleaning up</b>	Non-sparking tools should be used.
	Soak up with inert absorbent material.
	Suppress (knock down) gases/vapors/mists with a water spray jet.
	For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.
	Clean up remaining materials from spill with suitable absorbent.
<b>Disposal of Substance</b>	Contact a licensed professional waste disposal service to dispose of this material. Observe federal, provincial & local disposal regulations



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Section 7 - Handling and Storage	
<b>Precautions for safe handling</b>	Keep away from heat and sources of ignition.
	Do not smoke while handling.
	Do not breathe vapors or spray mist.
	Do not swallow.
	Do not get in eyes.
	Avoid prolonged or repeated contact with skin.
	Handle in accordance with good industrial hygiene and safety practice.
	Non-sparking tools should be used.
	Keep container tightly closed.
	Take precautionary measures against static discharges.
	Take care to prevent spills, waste and minimize release to the environment.
<b>Conditions for safe storage</b>	Keep in properly labeled containers.
	Keep tightly closed.
	Keep in a cool, well-ventilated place.
	Keep away from heat and sources of ignition.
<b>Materials to avoid</b>	<b>Do not store with the following product types:</b>
	Strong oxidizing agents
	Organic peroxides
	Flammable solids
	Pyrophoric liquids
	Pyrophoric solids
	Self-heating substances and mixtures
	Substances and mixtures which in contact with water emit flammable gases
	Explosives
Gases	

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## Section 8 - Exposure Controls / Personal Protection

Ingredients with workplace control parameters				
Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m <sup>3</sup>	NIOSH REL
		ST	500 ppm 1,225 mg/m <sup>3</sup>	NIOSH REL
		TWA	400 ppm 980 mg/m <sup>3</sup>	OSHA Z-1

Biological occupational exposure limits						
Ingredients	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of work-week	40 mg/l	ACGIH BEI

<b>Appropriate engineering controls</b>	Minimize workplace exposure concentrations.	
	Use only in an area equipped with explosion proof exhaust ventilation.	
	Use with local exhaust ventilation.	
<b>Respiratory protection</b>	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown,	

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<b>Individual protection measures</b>		appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
	<b>Hand Protection Material</b>	<ul style="list-style-type: none"> <li>• Impervious gloves</li> <li>• Flame retardant gloves</li> </ul>
	<b>Remarks</b>	Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.
	<b>Eye protection</b>	Wear chemical safety goggles when needed.
	<b>Skin and body protection</b>	<p>Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.</p> <p>Wear the following personal protective equipment:</p> <ul style="list-style-type: none"> <li>• Flame retardant antistatic protective clothing.</li> <li>• Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).</li> </ul>

## Section 9 - Physical and Chemical Properties

**Appearance:** Colorless Gel

**Odor:** Natural/ None

**Odor Threshold. Ppm:** No data available

**pH @ 25°C:** 6 – 7.5





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**Freezing Point:** No data available

**Boiling Point:** 60°C

**Flash Point:** < 23°C (Closed up)

**Evaporation Rate (Butyl Ace tare=1):** No data available

**Upper/Lower/Explosive Limits, % by Vol:** No data available

**Upper/Lower flammable Limits:** No data available

**Vapor Pressure hPA @20°C:** No data available

**Vapor Density (Air=1):** No data available

**Specific Gravity:** 0.92

**Solubility in Water:** Soluble in Water

**Coefficient of water/Oil Partition:** No data available

**Auto ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

## Section 10 - Stability and Reactivity

**Reactivity:** Not classified as a reactivity hazard

**Chemical Stability:** Stable under ambient temperatures and pressures

**Conditions to Avoid:** Avoid strong oxidizing agents, heat, flames and sparks

**Incompatibilities:** Oxidizing agents, acids, anhydride, alkali metal and amines.

**Hazardous decomposition products:** No hazardous decomposition products are known.

## Section 11 - Toxicological Information

**Likely Route of Exposure:** Inhalation, ingestion, skin and eye contact

**Eye Contact:** May cause slight eye irritation.

**Skin Contact:** This product is intended to come in contact with the skin, may cause only minimal skin irritation even if exposure is prolonged and / or repeated.

**Inhalation:** Not normally a hazard due to non-volatile nature of the product.



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**Ingestion:** Swallowing large amounts may cause headache, dizziness, incoordination, nausea, vomiting and general weakness.

**Acute toxicity:**

Not classified based on available information

**Product:**

Acute oral toxicity:

Acute toxicity estimate: > 5,000 mg/kg

Method: Calculation method

**Ingredients:**

**Ethanol:**

Acute oral toxicity:

LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity:

LC50 (Rat): 124.7 mg/l

Exposure time: 4 hr

Test atmosphere: vapor

**Propan-2-ol:**

Acute oral toxicity:

LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity:

LC50 (Rat): 72.6 mg/l

Exposure time: 4 h

Test atmosphere: vapor

Acute dermal toxicity:

LD50 (Rat): > 5,000 mg/kg

**Section 12 - Ecological Information**

**Ecotoxicity**

**Ingredients:**

Ethanol:

Toxicity to fish

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

EC50 (*Daphnia magna* (Water flea)): > 1,000 mg/l

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<p>Toxicity to daphnia and other aquatic invertebrates</p> <p>Toxicity to algae</p> <p>Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)</p> <p>Toxicity to bacteria</p> <p><u>Propan-2-ol:</u> Toxicity to fish</p> <p>Toxicity to daphnia and other aquatic invertebrates</p> <p>Toxicity to algae</p> <p>Toxicity to bacteria</p>	<p>Exposure time: 48 h</p> <p>EC50 (<i>Chlorella vulgaris</i> (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201</p> <p>NOEC (<i>Daphnia magna</i> (Water flea)): 9.6 mg/l Exposure time: 9 d</p> <p>EC50 (<i>Photobacterium phosphoreum</i>): 32.1 mg/l Exposure time: 0.25 h</p> <p>LC50 (<i>Pimephales promelas</i> (fathead minnow)): 10,000 mg/l Exposure time: 96 h</p> <p>EC50 (<i>Daphnia magna</i> (Water flea)): &gt; 10,000 mg/l Exposure time: 24 h</p> <p>ErC50 (<i>Scenedesmus quadricauda</i> (Green algae)): &gt; 1,800 mg/l Exposure time: 8 d</p> <p>EC50 (<i>Pseudomonas putida</i>): &gt; 1,050 mg/l Exposure time: 16 h</p>
<b>Persistence and degradability</b>	
<p><b>Ingredients:</b></p> <p><u>Ethanol:</u> Biodegradability</p> <p><u>Propan-2-ol:</u> Biodegradability</p>	<p>Result: Readily biodegradable. Biodegradation: 84 % Exposure time: 20 d</p> <p>Result: Rapidly degradable</p>
<b>Bioaccumulative potential</b>	
<p><b>Ingredients:</b></p> <p><u>Ethanol:</u> Partition coefficient: n-octanol/water</p>	<p>log Pow: -0.35</p>



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<u>Propan-2-ol:</u> Partition coefficient: n-octanol/water	log Pow: 0.05
<b>Mobility in soil</b> No data available	
<b>Other adverse effects</b> No data available	

## Section 13 - Disposal Considerations

### Disposal methods

Waste from residues	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum

## Section 14 - Transport Information

### UNRTDG

UN number:	UN 1987
Proper shipping name:	ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
Class:	3
Packing group:	III
Labels:	3

### IATA-DGR

UN/ID No.:	UN 1987
Proper shipping name:	Alcohols, n.o.s. (Ethanol, Propan-2-ol)
Class:	3
Packing group:	III
Labels:	Flammable Liquids
Packing instruction (cargo aircraft):	366
Packing instruction (passenger aircraft):	355

Prepared by: Oluwaseyi Malachi, Preventive Control Coordinator  
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## IMDG-Code

UN number: UN 1987  
 Proper shipping name: ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)  
 Class: 3  
 Packing group: III  
 Labels: 3  
 EmS Code: F-E, S-D  
 Marine pollutant: no

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## Section 15 - Safety, health and environmental regulations specific to the product

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

#### 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  
 Acute Health Hazard

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

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

Propan-2-ol	67-63-0	3.4086 %
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### The ingredients of this product are reported in the following inventories:

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



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## Section 16 - Other Information

### Key for abbreviations:

ACGIH:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI:	ACGIH - Biological Exposure Indices (BEI)
CAS:	Chemical Abstracts Service
NIOSH REL:	USA. NIOSH Recommended Exposure Limits
OSHA Z-1:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA:	8-hour, time-weighted average
ACGIH / STEL:	Short-term exposure limit
NIOSH REL / TWA:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA Z-1 / TWA:	8-hour time weighted average

### Sources of key data used to compile the Safety Data Sheet:

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date: 2020-06-19

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, un-less specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.