

## PURELL® Advanced Instant Hand Sanitizer Fragrance Free

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

### SECTION 1. IDENTIFICATION

Product name : PURELL® Advanced Instant Hand Sanitizer Fragrance Free

#### Manufacturer or supplier's details

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500  
Akron, Ohio 44311

Telephone : 1 (330) 255-6000

Emergency telephone number : CHEMTREC 1-800-424-9300  
CHEMTREC +1-703-527-3887: Outside USA & CANADA

#### Recommended use of the chemical and restrictions on use

Recommended use : Hand Sanitizer

Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. 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. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids : Category 3

Eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.

Precautionary statements :

**Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces. -  
No smoking.  
P233 Keep container tightly closed.

## PURELL® Advanced Instant Hand Sanitizer Fragrance Free

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

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:**

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 for extinction.

**Storage:**

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

**Disposal:**

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

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

Chemical name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>= 60 - < 70
Isopropyl Alcohol	67-63-0	>= 1 - < 5

## SECTION 4. FIRST AID MEASURES

General advice	<ul style="list-style-type: none"> <li>: In the case of accident or if you feel unwell, seek medical advice immediately.</li> <li>When symptoms persist or in all cases of doubt seek medical advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>: If inhaled, remove to fresh air.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of skin contact	<ul style="list-style-type: none"> <li>: Get medical attention if irritation develops and persists.</li> </ul>
In case of eye contact	<ul style="list-style-type: none"> <li>: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> <li>Seek medical advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>: If swallowed, DO NOT induce vomiting.</li> <li>Obtain medical attention.</li> <li>Rinse mouth with water.</li> </ul>
Most important symptoms and effects, both acute and delayed	<ul style="list-style-type: none"> <li>: Causes serious eye irritation.</li> </ul>
Protection of first-aiders	<ul style="list-style-type: none"> <li>: First Aid responders should pay attention to self-protection and use the recommended protective clothing</li> </ul>

## SECTION 5. FIREFIGHTING MEASURES

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

Suitable extinguishing media	: Water spray Alcohol-resistant foam Dry chemical Carbon dioxide (CO2)
Specific hazards during firefighting	: Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be a hazard to health. Carbon oxides
Hazardous combustion products	: Carbon oxides
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened 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.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

**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. Keep people away from and upwind of spill/leak. Material can create slippery conditions.
Environmental precautions	: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	: Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapours/mists with a water spray jet. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling	: For personal protection see section 8. Keep away from heat. Use with local exhaust ventilation. Avoid contact with eyes.
-------------------------	---

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.  
 Keep in properly labelled containers.  
 Keep container tightly closed in a dry and well-ventilated place.  
 Store in accordance with the particular national regulations.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl Alcohol	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
Isopropyl Alcohol	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**

Components	CAS-No.	Control parameters	Biological specimen	Samplin g time	Permissible concentratio n	Basis
Isopropyl Alcohol	67-63-0	Acetone	Urine	End of shift at end of workwee k	40 mg/l	ACGIH BEI

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : No special protective equipment required.

Remarks

Eye protection : Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : No special protective equipment required.

Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.  
 Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
 Avoid contact with eyes.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

Appearance	: liquid
Colour	: clear
Odour	: alcohol-like
Odour Threshold	: No data available
pH	: 6.5 - 8.5, (20 °C)
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: 68 °C
Flash point	: 24.00 °C Method: Pensky-Martens closed cup
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Flammability (liquids)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: <= 0.881 g/cm3
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: not determined
Thermal decomposition	: The substance or mixture is not classified self-reactive.
Viscosity	
Viscosity, kinematic	: 3500 - 23000 mm2/s (20 °C)
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition	: No hazardous decomposition products are known.

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

products

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Skin contact  
Eye contact

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Components:****Ethyl Alcohol:**

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

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

**Isopropyl Alcohol:**

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

Acute inhalation toxicity : LC50 (Rat): 72.6 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

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

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Result: No skin irritation

**Components:****Ethyl Alcohol:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

**Isopropyl Alcohol:**

Species: Rabbit  
Result: No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

**Components:****Ethyl Alcohol:**

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

**Isopropyl Alcohol:**

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Product:**

Result: Does not cause skin sensitisation.

**Components:****Ethyl Alcohol:**

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

**Isopropyl Alcohol:**

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Ethyl Alcohol:**

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**Isopropyl Alcohol:**

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo

: Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Test species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative

## PURELL® Advanced Instant Hand Sanitizer Fragrance Free

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **Isopropyl Alcohol:**

Species: Rat

Application Route: inhalation (vapour)

Exposure time: 104 weeks

Method: OECD Test Guideline 451

Result: negative

#### **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.

#### **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.

### **Reproductive toxicity**

Not classified based on available information.

### **Components:**

#### **Ethyl Alcohol:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
 Species: Mouse  
 Application Route: Ingestion  
 Method: OECD Test Guideline 416  
 Result: negative

#### **Isopropyl Alcohol:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
 Species: Rat  
 Application Route: Ingestion  
 Result: negative

Effects on foetal development

: Test Type: Embryo-foetal development  
 Species: Rat  
 Application Route: Ingestion  
 Result: negative

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **Isopropyl Alcohol:**

Assessment: May cause drowsiness or dizziness.

### **STOT - repeated exposure**

Not classified based on available information.

## PURELL® Advanced Instant Hand Sanitizer Fragrance Free

Version 1.2

SDS Number: 400000000433

Revision Date: 10/31/2022

### Repeated dose toxicity

#### Components:

##### **Ethyl Alcohol:**

Species: Rat  
 NOAEL: 2,400 mg/kg  
 Application Route: Ingestion  
 Exposure time: 2 y

##### **Isopropyl Alcohol:**

Species: Rat  
 NOAEL: 5000 ppm  
 Application Route: inhalation (vapour)  
 Exposure time: 104 w  
 Method: OECD Test Guideline 413

### Aspiration toxicity

Not classified based on available information.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### **Ethyl Alcohol:**

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h
Toxicity to algae	: EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): 9.6 mg/l Exposure time: 9 d
Toxicity to bacteria	: EC50 (Photobacterium phosphoreum): 32.1 mg/l Exposure time: 0.25 h

##### **Isopropyl Alcohol:**

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 10,000 mg/l Exposure time: 24 h
Toxicity to bacteria	: EC50 (Pseudomonas putida): > 1,050 mg/l Exposure time: 16 h

### Persistence and degradability

#### Components:



**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

SDS Number: 40000000433

Revision Date: 10/31/2022

**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

**National Regulations****49 CFR**

UN/ID/NA number	:	UN 1987
Proper shipping name	:	Alcohols, n.o.s.
Class	:	3
Packing group	:	III
ERG Code	:	127
Marine pollutant	:	no

---

**SECTION 15. REGULATORY INFORMATION**
**EPCRA - Emergency Planning and Community Right-to-Know Act****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:

Isopropyl Alcohol	67-63-0	3.4086 %
-------------------	---------	----------

**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 SOCMi Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol	64-17-5	65.2821 %
Isopropyl Alcohol	67-63-0	3.4086 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

**California Prop 65**

This product does not require a warning label under California Proposition 65.

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

TSCA : On TSCA Inventory

CH INV : On the inventory, or in compliance with the inventory

**PURELL® Advanced Instant Hand Sanitizer Fragrance Free**

Version 1.2

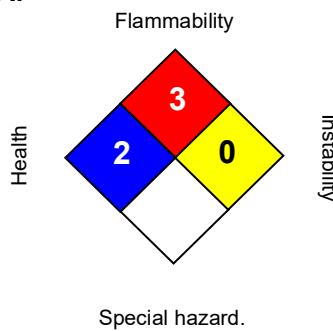
SDS Number: 40000000433

Revision Date: 10/31/2022

AICS	: On the inventory, or in compliance with the inventory
DSL	: 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
ENCS	: 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
EINECS	: 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**
**Further information**
**NFPA:**

**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

Revision Date : 10/31/2022

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# Safety Data Sheet



**Date: 05/08/2020**  
(Preparation Date)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

## Regulatory Status:

This preparation is not classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT NAME:** OSHAKits.com Absorbent

**SERIES NAME:** N/A

**DESCRIPTION:** Dry, white, granular, odorless powder blend

**PRODUCT #:**

**PRODUCT USE:** Solidification of bodily fluid spills and other liquid spills other than hydrofluoric acid and highly alkaline liquids

**MANUFACTURER:** Northfield Medical Manufacturing, LLC  
d.b.a. OSHAKits.com  
5505 Robin Hood Rd, Ste B  
Norfolk, VA 23513

Telephone: (800) 270-0153  
Fax: (865) 622-5220  
Email: info@oshakits.com  
Website: www.oshakits.com

## SECTION 2: HAZARDS IDENTIFICATION

### According to OSHA 29 CFR 1910.1200 HCS:

#### 2.1 Classification of the substance or mixture

No applicable GHS categories

#### 2.2 Label elements & Hazard Symbols

No label element(s) require statements; No symbols/pictograms required

#### 2.3 Other hazards

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Interactions with Other Chemicals: Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Percentages
9003-04-7	Acrylic Acid Polymer, Sodium Salt	Trade secrets
93763-70-3	Amorphous Alumina Silicate	
144-55-8	Sodium Bicarbonate	

#### Component Information / Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. See Sections 8, 11, 14, and 15 for further regulatory information.

## SECTION 4: FIRST AID MEASURES

Primary routes of entry: Eye and skin contact; ingestion; inhalation & skin absorption.

Medical condition Aggravated by Exposure: Eyes/skin hypersensitivity

**EYES:** Immediately flush with plenty of water for 15 minutes. Get medical attention if irritation persists.

**SKIN:** Skin irritation is unlikely. Remove absorbent dust blend from skin using soap and water. Seek medical attention if irritation persists.

**INGESTION:** Rinse mouth with water. Do not induce vomiting. If large amounts are swallowed, or if adverse symptoms appear, seek medical attention.

**INHALATION:** Respiratory irritation is unlikely. If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

# Safety Data Sheet



## SECTION 5: FIRE-FIGHTING MEASURES

**GENERAL INFORMATION:** No recognized fire hazards associated with the finished product. Use extinguishing measures that are appropriate to local circumstances.

**FLASH POINT:** NA

**AUTOIGNITION TEMPERATURE:** NA

**HAZARD CLASSIFICATION:** None

**HEALTH:**  **FLAMMABILITY:**  **REACTIVITY:**  0 **SPECIAL**

**EXTINGUISHING MEDIA:** Dry chemical foam, carbon dioxide, and water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Temperatures above 200°C. Thermal decomposition can give toxic products, organic derivatives, and carbon monoxide. Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Put on appropriate personal protective equipment. Refer to protective measures in Sections 7 and 8.

**Spill and Leak Procedures** Sweep or vacuum material when possible and shovel into a waste container. Residuals may be flushed with water into the drain for normal wastewater treatment. Dispose as for any inert, non-carcinogenic solid waste. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

**Environmental Precautions** Material is not harmful to the environment.

## SECTION 7: HANDLING & STORAGE

**HANDLING & STORAGE:** Handle in accordance with good industrial hygiene and safety practice. Handle as an eye and respiratory tract irritant. Store in a dry, closed container.

**OTHER PRECAUTIONS:** Incompatible materials: Hydrofluoric Acid

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 Exposure Guidelines

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m<sup>3</sup> (50 mppcf\*) TWA, ACGIH 10 mg/m<sup>3</sup>.

CAS No.	Ingredient	Source	Value
9003-04-7	Acrylic Acid Polymer, Sodium Salt	OSHA, ACGIH, NIOSH, Supplier	No established limit
93763-70-3	Amorphous Alumina Silicate	OSHA, ACGIH, NIOSH, Supplier	No established limit
144-55-8	Sodium Bicarbonate + trade secret	OSHA, ACGIH, NIOSH, Supplier	No established limit

#### Carcinogen Data

Chemicals by CAS No.	Source	Value
9003-04-7	OSHA	Select Carcinogen: No
144-55-8	NTP	Known: No; Suspected: No
93763-70-3	IARC	Group 1:No; Group 2a:No; Group 2b:No; Group 3:No; Group 4:No

#### Other Exposure Guidelines

This product is not regulated as a hazardous material. However, the manufacturer recognizes the potential for respiratory tract irritation as a nuisance dust, and therefore recommends an eight-hour exposure limit of 0.05 mg/m<sup>3</sup>. Provide local exhaust ventilation to maintain worker exposure to less than 0.05 mg/m<sup>3</sup>.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT

#### Eyes/Face

Wear safety glasses with side shields or goggles when handling product in the manufacturing environment. Safety glasses/goggles usually not necessary for occasional handling/usage.

#### Skin

Use impervious gloves when handling the product in the manufacturing environment. Follow stated guidelines from manufacturer for all other uses.

# Safety Data Sheet



## Respiratory

None for general use. Wear respirator with a high efficiency filter if particulate concentration in the work area exceeds 0.05 mg/m<sup>3</sup> over an eight hour time period.

## General

Obey reasonable safety precautions and practice good housekeeping. Remove material after absorption has taken place. Wash thoroughly after handling.

## SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Dry White Granular Powder
Odor	None
Physical State	Solid
Specific Gravity (Bulk Density)	0.08 – 0.74 g/ml
Melting Point	> 330 °C
Solubility in Water	Swells in water
Auto-Ignition Temperature	> 400 °C
pH	6 – 8

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** This material is chemically stable under normal and anticipated storage and handling conditions.

**CONDITIONS TO AVOID:** Store protected from moisture. Keep away from heat and sources of ignition.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Hydrofluoric Acid. Material reacts to form toxic silicon tetra fluoride gas.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Decomposition above 200°C. Thermal decomposition can give toxic byproducts, organic vapors, and carbon monoxide. Material reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Product is non-toxic

INHALATION: Inhalation of the product may cause irritation to the nose, throat, and respiratory tract  
SKIN CORROSION/IRRITATION: No known hazard

EYE DAMAGE/IRRITATION: Eye contact may cause abrasive irritation to eyes

GERM CELL MUTAGENICITY: Product does not classify under this category

CARCINOGENICITY: Product is not carcinogenic and does not classify under this category

REPRODUCTION TOXICITY: Product does not classify under this category

STOT-SINGLE EXPOSURE: Product does not classify under this category

STOT-REPEATED EXPOSURE: Product does not classify under this category

ASPIRATION HAZARD: Product does not classify under this category

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** None known

**AQUATIC TOXICITY:** None known

**TERRESTRIAL:** No data available

**PERSISTENCE AND DEGRADABILITY:** Material is non-biodegradable

**BIOACCUMULATIVE POTENTIAL:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ADVERSE EFFECTS:** None known

**Environmental Fate:**

Absorbent blend is relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (> 90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of the absorbent will not affect the performance of wastewater treatment systems.

# Safety Data Sheet



## SECTION 13: DISPOSAL CONSIDERATIONS

### General Product Information

This product is a non-hazardous waste material suitable for approved solid waste landfills.

### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

Dispose of in accordance with Local, State, and Federal Regulations. Take the precautionary disposal measures governing the absorbed substance itself.

## SECTION 14: TRANSPORTATION INFORMATION

### International Transportation Regulations:

This product is not a hazardous material and is not regulated by the Department of Transportation.

## SECTION 15: REGULATORY INFORMATION

### General Product Information

This product is not federally regulated as a hazardous material.

### Clean Air Act

No information is available.

### Component Analysis

No information available.

### Food and Drug Administration

No information available.

### Component Analysis – Inventories

TSCA (USA)

Conforms, not listed

EINECS (EC)

Conforms

ENCS (Japan)

Conforms

CEPA (Canada)

All substances listed under the DSL or not required

WHMIS (Canada)

Not a controlled product under this directive

Proposition 65 - Carcinogens (>0.0%):	Crystalline Silica - Quartz
EPCRA 311/312 Chemicals and RQs	
EPCRA 302 Extremely Hazardous	
EPCRA 313 Toxic Chemicals	
Proposition 65 - Developmental Toxins (>0.0%):	
Proposition 65 - Female Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under these statutes.
Proposition 65 - Male Repro Toxins (>0.0%):	
N.J. RTK Substances (>1%):	
Penn RTK Substances (>1%):	

## SECTION 16: OTHER INFORMATION

**DISCLAIMER:** The information provided in this Safety Data Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. A SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. **HOWEVER, NORTHFIELD MEDICAL MANUFACTURING MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION.** Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Northfield Medical Manufacturing be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Northfield Medical Manufacturing has been advised of the possibility of such damages. We reserve the right to update SDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

Manufactured By/Contact Source for Additional Information	
Northfield Medical Manufacturing, LLC	Phone Number: 800-270-0153
5505 Robin Hood Rd, Ste B	Fax Number: 866.981.5234
Norfolk, VA 23513	Email Address: info@oshakits.com
United States of America	Preparer's Name: Hal P. Smith

**PURELL® FOODSERVICE SURFACE SANITIZER**

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

**SECTION 1. IDENTIFICATION**

Product name : PURELL® FOODSERVICE SURFACE SANITIZER

**Manufacturer or supplier's details**

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500  
Akron, Ohio 44311

Telephone : 1 (330) 255-6000

Emergency telephone number : CHEMTREC 1-800-424-9300  
CHEMTREC +1-703-527-3887: Outside USA & CANADA

**Recommended use of the chemical and restrictions on use**

Recommended use : Disinfectants and general biocidal products

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 3

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.

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.

**Response:**

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

**Storage:**

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

**Disposal:**

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

**Other hazards**

None known.

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>= 20 - < 35
Isopropyl Alcohol	67-63-0	>= 1 - < 5

### SECTION 4. FIRST AID MEASURES

General advice	<ul style="list-style-type: none"> <li>: In the case of accident or if you feel unwell, seek medical advice immediately.</li> <li>When symptoms persist or in all cases of doubt seek medical advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>: If inhaled, remove to fresh air.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of skin contact	<ul style="list-style-type: none"> <li>: Wash with water and soap as a precaution.</li> <li>Get medical attention if irritation develops and persists.</li> </ul>
In case of eye contact	<ul style="list-style-type: none"> <li>: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> <li>Seek medical advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>: If swallowed, DO NOT induce vomiting.</li> <li>Rinse mouth with water.</li> <li>Obtain medical attention.</li> </ul>
Protection of first-aiders	<ul style="list-style-type: none"> <li>: First Aid responders should pay attention to self-protection and use the recommended protective clothing</li> </ul>

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	<ul style="list-style-type: none"> <li>: Water spray</li> <li>Alcohol-resistant foam</li> <li>Carbon dioxide (CO2)</li> <li>Dry chemical</li> </ul>
Unsuitable extinguishing media	<ul style="list-style-type: none"> <li>: High volume water jet</li> </ul>
Specific hazards during firefighting	<ul style="list-style-type: none"> <li>: Do not use a solid water stream as it may scatter and spread fire.</li> <li>Cool closed containers exposed to fire with water spray.</li> <li>Flash back possible over considerable distance.</li> <li>May form explosive mixtures in air.</li> <li>Exposure to decomposition products may be a hazard to health.</li> </ul>
Specific extinguishing methods	<ul style="list-style-type: none"> <li>: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</li> <li>Use water spray to cool unopened containers.</li> </ul>
Further information	<ul style="list-style-type: none"> <li>: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</li> </ul>
Special protective equipment for firefighters	<ul style="list-style-type: none"> <li>: In the event of fire, wear self-contained breathing apparatus.</li> <li>Use personal protective equipment.</li> </ul>

### SECTION 6. ACCIDENTAL RELEASE MEASURES

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

Personal precautions, protective equipment and emergency procedures	<ul style="list-style-type: none"> <li>Use personal protective equipment.</li> <li>Ensure adequate ventilation.</li> <li>Remove all sources of ignition.</li> <li>Evacuate personnel to safe areas.</li> <li>Keep people away from and upwind of spill/leak.</li> <li>Material can create slippery conditions.</li> </ul>
Environmental precautions	<ul style="list-style-type: none"> <li>Discharge into the environment must be avoided.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>Retain and dispose of contaminated wash water.</li> <li>Local authorities should be advised if significant spillages cannot be contained.</li> </ul>
Methods and materials for containment and cleaning up	<ul style="list-style-type: none"> <li>Non-sparking tools should be used.</li> <li>Soak up with inert absorbent material.</li> <li>Keep in suitable, closed containers for disposal.</li> <li>Clean contaminated floors and objects thoroughly while observing environmental regulations.</li> </ul>

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling	<ul style="list-style-type: none"> <li>Avoid contact with eyes.</li> </ul>
Conditions for safe storage	<ul style="list-style-type: none"> <li>No smoking.</li> <li>Take measures to prevent the build up of electrostatic charge.</li> <li>Keep container tightly closed in a dry and well-ventilated place.</li> <li>Store in accordance with the particular national regulations.</li> </ul>

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl Alcohol	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
Isopropyl Alcohol	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

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Isopropyl Alcohol	67-63-0	Acetone	Urine	End of	40 mg/l	ACGIH

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

			shift at end of workwee k		BEI
--	--	--	------------------------------------	--	-----

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : No special measures necessary provided product is used correctly.  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : No special measures necessary provided product is used correctly.

Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.  
Ensure that eye flushing systems and safety showers are located close to the working place.  
When using do not eat, drink or smoke.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Avoid contact with eyes.  
Wash hands before breaks and immediately after handling the product.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

Odour : alcohol-like

Odour Threshold : No data available

pH : 12.6 - 12.9, (24 °C)

Melting point/freezing point : No data available

Initial boiling point and boiling range : 77 °C

Flash point : 30.8 °C  
Method: Pensky-Martens closed cup

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : No data available

Upper explosion limit : 19 %(V)

Lower explosion limit : 3.3 %(V)

Vapour pressure : No data available

Relative vapour density : No data available

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

Relative density	: No data available
Density	: 0.952 g/cm3
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: not determined
Thermal decomposition	: The substance or mixture is not classified self-reactive.
Viscosity	
Viscosity, dynamic	: 2.6 mPa.s
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation  
Skin contact  
Eye contact

### Acute toxicity

Not classified based on available information.

### Components:

#### **Ethyl Alcohol:**

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): 124.7 mg/l Exposure time: 4 h Test atmosphere: vapour

#### **Isopropyl Alcohol:**

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: LC50 (Rat): 72.6 mg/l Exposure time: 4 h Test atmosphere: vapour

**PURELL® FOODSERVICE SURFACE SANITIZER**

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

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

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Result: No skin irritation

**Components:****Ethyl Alcohol:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

**Isopropyl Alcohol:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:****Ethyl Alcohol:**

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

**Isopropyl Alcohol:**

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:****Ethyl Alcohol:**

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

**Isopropyl Alcohol:**

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

**Germ cell mutagenicity**

Not classified based on available information.

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

### Components:

#### **Ethyl Alcohol:**

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

#### **Isopropyl Alcohol:**

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo

: Test Type: Mammalian erythrocyte micronucleus test (in vivo  
cytogenetic assay)  
Test species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative

### **Carcinogenicity**

Not classified based on available information.

### Components:

#### **Isopropyl Alcohol:**

Species: Rat

Application Route: inhalation (vapour)

Exposure time: 104 weeks

Method: OECD Test Guideline 451

Result: negative

#### **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.

#### **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.

### **Reproductive toxicity**

Not classified based on available information.

### Components:

#### **Ethyl Alcohol:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 416  
Result: negative

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

### **Isopropyl Alcohol:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
 Species: Rat  
 Application Route: Ingestion  
 Result: negative

Effects on foetal development

: Test Type: Embryo-foetal development  
 Species: Rat  
 Application Route: Ingestion  
 Result: negative

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **Isopropyl Alcohol:**

Assessment: May cause drowsiness or dizziness.

### **STOT - repeated exposure**

Not classified based on available information.

### **Repeated dose toxicity**

### **Components:**

#### **Ethyl Alcohol:**

Species: Rat  
 NOAEL: 2,400 mg/kg  
 Application Route: Ingestion  
 Exposure time: 2 y

#### **Isopropyl Alcohol:**

Species: Rat  
 NOAEL: 5000 ppm  
 Application Route: inhalation (vapour)  
 Exposure time: 104 w  
 Method: OECD Test Guideline 413

### **Aspiration toxicity**

Not classified based on available information.

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

### **Components:**

#### **Ethyl Alcohol:**

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

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
 Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
 Exposure time: 72 h

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 9.6 mg/l  
Exposure time: 9 d

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l  
Exposure time: 0.25 h

### **Isopropyl Alcohol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
Exposure time: 24 h

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,050 mg/l  
Exposure time: 16 h

### **Persistence and degradability**

#### **Components:**

##### **Ethyl Alcohol:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 84 %  
Exposure time: 20 d

##### **Isopropyl Alcohol:**

Biodegradability : Result: rapidly degradable

### **Bioaccumulative potential**

#### **Components:**

##### **Ethyl Alcohol:**

Partition coefficient: n-octanol/water : log Pow: -0.35

##### **Isopropyl Alcohol:**

Partition coefficient: n-octanol/water : log Pow: 0.05

### **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).

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulation

##### IATA-DGR

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

##### 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

##### National Regulations

##### 49 CFR

UN/ID/NA number	: UN 1987
Proper shipping name	: Alcohols, n.o.s.
Class	: 3
Packing group	: III
ERG Code	: 127
Marine pollutant	: no

### SECTION 15. REGULATORY INFORMATION

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

##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Potassium Hydroxide	1310-58-3	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

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

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

<b>SARA 311/312 Hazards</b>	: Fire Hazard		
<b>SARA 302</b>	: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.		
<b>SARA 313</b>	: The following components are subject to reporting levels established by SARA Title III, Section 313:		
	Isopropyl Alcohol	67-63-0	1.42 %

### 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 SOCMi Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol	64-17-5	29.4 %
Isopropyl Alcohol	67-63-0	1.42 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

### Clean Water Act

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

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Potassium Hydroxide	1310-58-3	0.35 %
---------------------	-----------	--------

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Potassium Hydroxide	1310-58-3	0.35 %
---------------------	-----------	--------

### Massachusetts Right To Know

Ethyl Alcohol	64-17-5	20 - 35 %
Isopropyl Alcohol	67-63-0	1 - 5 %

### Pennsylvania Right To Know

Water (Aqua)	7732-18-5	70 - 90 %
Ethyl Alcohol	64-17-5	20 - 35 %
Isopropyl Alcohol	67-63-0	1 - 5 %
Potassium Hydroxide	1310-58-3	0.1 - 1 %

### New Jersey Right To Know

Water (Aqua)	7732-18-5	70 - 90 %
Ethyl Alcohol	64-17-5	20 - 35 %
Isopropyl Alcohol	67-63-0	1 - 5 %

### 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:

CH INV : On the inventory, or in compliance with the inventory

TSCA : On TSCA Inventory

## PURELL® FOODSERVICE SURFACE SANITIZER

Version 1.4

SDS Number: 400000005188

Revision Date: 06/25/2020

DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: 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

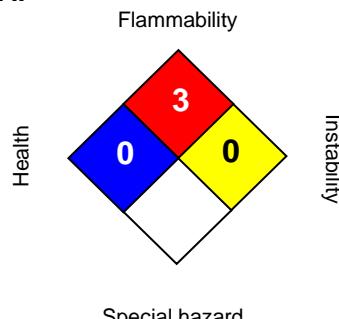
### Inventories

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

### Further information

#### NFPA:



#### HMIS III:

HEALTH	0
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date

: 06/25/2020

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.