SAFETY DATA SHEET

Issuing Date 17-Jul-2018 **Revision date** 23-Feb-2023 **Revision Number** 8

1. Identification

Product identifier

Product Name Sani-Cloth Prime Germicidal Disposable Wipe

Other means of identification

Product Code(s) SDS 0240-00

Synonyms None

Registration Number(s) 9480-12

Other information Bulk Liquid: 4OP25301
Item Number(s): P25372, P24284, H06182 & U13195

Recommended use of the chemical and restrictions on use

Recommended use Use as a disinfectant on hard, non-porous surfaces. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

Restrictions on use For professional and hospital use.

Details of the supplier of the safety data sheet

Manufacturer Address
Professional Disposables International, Inc.
400 Chestnut Ridge Road
Woodcliff Lake, NJ 07677

Emergency telephone number

Emergency Telephone PERS:
1-800-633-8253 (Domestic/Canada)
1-801-699-0667 (International)

2. Hazard(s) identification

Classification

Acute Toxicity	Category 4
Eye Irritant	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3

Appearance Colorless liquid saturated on a wipe. **Physical state** Pre-moistened wipe. **Odor** Alcohol

Label elements

WARNING

Hazard statements
Flammable liquid and vapor.
Causes serious eye irritation.
Harmful if inhaled.
May cause drowsiness or dizziness.

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective clothing/eye protection/face protection per facility protocols. Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use non-sparking tools.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ ventilating / lighting/ equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response
Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Fire
In case of fire: Use CO2, dry chemical, or foam to extinguish.

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

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other information
May be harmful if swallowed. May be harmful if inhaled.

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. Composition/information on ingredients

Substance

Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Isopropyl alcohol	67-63-0	28.7	-	-
Ethyl Alcohol	64-17-5	27.3	-	-
Didecyldimethylammonium chloride	7173-51-5	0.61	-	-

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persists.

Eye contact Immediately rinse eyes with water for several minutes. Keep eye wide open while rinsing. If present and easy to do, remove contact lenses and continue rinsing. Get medical attention if irritation persists.

Skin contact Wash skin with water. Get medical attention if irritation develops or persists.

Ingestion Ingestion is unlikely for solid products. If the free liquid is swallowed, rinse mouth with water. Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Direct contact with liquid may cause moderate eye irritation. Direct or prolonged inhalation of high concentration of vapors may cause upper respiratory tract irritation and central nervous system effects. Swallowing large amounts of liquid may cause gastrointestinal irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical This product is a solid saturated with a flammable liquid and will burn under fire conditions. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. Combustion may produce oxides of carbon, nitrogen, and ammonia. Flammable vapors may be invisible in daylight.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Special protective equipment for fire-fighters Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain runoff.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Avoid contact with eyes. Wear appropriate protective clothing as described in Section 8. Avoid breathing vapors.

Other information Avoid releases to the environment. Report spill as required by local and federal regulations.

Methods and material for containment and cleaning up

Methods and Materials for containment and Cleaning Up Do not reuse towelette. Pick up wipe and place in an appropriate container for infectious waste disposal. Do not flush in toilet. For free liquid, collect using inert absorbent materials and place in an appropriate container for disposal. Use non-sparking tools and equipment.

7. Handling and storage

Precautions for safe handling

Advice on safe handling None required for normal use. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to product label for additional information on use and handling. Do not reuse the empty container or towelette. Do not flush in toilet. Dispose of in accordance with all local, state, and federal regulations.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry location away from incompatible materials. Do not store near heat or open flame. Do not freeze or expose to extreme cold for a long period. Do not contaminate water, food or feed by storage or disposal. For containers: Protect container from physical damage. When not in use keep center cap of lid closed to prevent moisture loss.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m³ STEL: 500 ppm STEL: 1225 mg/m³
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³

Chemical name	Alberta	British Columbia	Ontario	Quebec
Isopropyl alcohol 67-63-0	TWA: 200 ppm TWA: 492 mg/m³ STEL: 400 ppm STEL: 984 mg/m³	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 985 mg/m³ STEL: 500 ppm STEL: 1230 mg/m³
Ethyl Alcohol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m³	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm

Appropriate engineering controls

Engineering controls General ventilation is adequate under normal conditions of use.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required under normal use conditions. If needed, defer to facility protocol to avoid eye contact.

Hand protection No special protective equipment required under normal use conditions. If needed defer to facility protocol to avoid skin contact.

Skin and body protection No special protective equipment required under normal use conditions. If needed defer to facility protocol for suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Other protective equipment None required under normal conditions of use.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Pre-moistened wipe.
Appearance Colorless liquid saturated on a wipe.
Color Colorless
Odor Alcohol
Odor threshold No information available

Property	Values	Remarks • Method
pH	7 - 10	
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	25.00 °C / 77.00 °F	CC (closed cup)
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known

Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.875-0.923	
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Heat, flames and sparks.

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness. May be harmful if inhaled.

Eye contact This product is expected to cause moderate irritation to eyes based on test data from the OPPTS 870.2400 Acute Eye Irritation Study which resulted in Toxicity Category II.

Skin contact May cause minimal irritation. This is based on test data from the OPPTS 870.2500 Acute Skin irritation study which resulted in Toxicity Category IV.

Ingestion Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected. Swallowing the free liquid may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,668.80 mg/kg
ATEmix (dermal) 7,658.10 mg/kg
ATEmix (inhalation-gas) 86,236.60 mg/L
ATEmix (inhalation-dust/mist) 20.51 mg/L

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Oral LD50 Rat. >5000mg/kg body weight
Dermal LD50 Rabbit. >5000 mg/kg body weight
Inhalation LC50 Rat. >2.15 mg/L/4hr

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h
Ethyl Alcohol 64-17-5	= 7060 mg/kg (Rat)	-	20
Didecyldimethylammonium chloride 7173-51-5	= 84 mg/kg (Rat)	> 1000 mg/kg (Rat)	-
Ethylene glycol monohexyl ether 112-25-4	= 830 mg/kg (Rat)	= 721 mg/kg (Rabbit)	> 0.5 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation This product may cause minimal irritation based on test data.

Eye damage/eye irritation This product may cause moderate irritation to eyes based on test data.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0	-	Group 3	-	X
Ethyl Alcohol 64-17-5	A3	1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
NTP (National Toxicology Program)
Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity No information available.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl alcohol 67-63-0	EC50: >1000mg/L (72h, Desmodesmus subspicatus) EC50: >1000mg/L (96h, Desmodesmus subspicatus)	LC50: =11130mg/L (96h, Pimephales promelas) LC50: =9640mg/L (96h, Pimephales promelas) LC50: >1400000µg/L (96h, Lepomis macrochirus)	-	EC50: =13299mg/L (48h, Daphnia magna)
Ethyl Alcohol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)
Didecyldimethylammonium chloride 7173-51-5	-	LC50: =0.97mg/L (96h, Danio rerio)	-	-
Ethylene glycol monohexyl ether 112-25-4	EC50: =70mg/L (96h, Desmodesmus subspicatus) EC50: =98mg/L (72h, Desmodesmus subspicatus)	LC50: 100 - 220mg/L (96h, Brachydanio rerio)	EC50 = 2100 mg/L 17 h	EC50: =150mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulation No information available.

Component Information

Chemical name	Partition coefficient
Isopropyl alcohol 67-63-0	0.05
Ethyl Alcohol 64-17-5	-0.32
Ethylene glycol monohexyl ether 112-25-4	1.97

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Towelette Disposal: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.

Dispenser or Container Disposal: Nonrefillable container. Do not reuse or refill this container. Dispose in accordance with all local, state and federal regulations.

Empty containers or liners may retain some product residues. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. This material and its container must be disposed of in a safe manner. Dispose in accordance with all local, state and federal regulations.

Chemical name	California Hazardous Waste Status
Isopropyl alcohol 67-63-0	Toxic Ignitable
Ethyl Alcohol 64-17-5	Toxic Ignitable

14. Transport information

Single Packet Containing <10mL of Saturant:				
	UN Number	Proper Shipping Name	Hazard Class	Packing Group
US DOT		Not Regulated (49 CFR 172.102 Special Provision 47)		
IMDG		Not Regulated (Special Provision 216)		
IATA		Not Regulated (Special Provision A46)		
Single Packet Containing >10mL of Saturant:				
	UN Number	Proper Shipping Name	Hazard Class	Packing Group
US DOT	UN3175	Solids containing flammable liquid, n.o.s. (Isopropyl Alcohol, Ethyl Alcohol), Limited Quantity	4.1	II
IMDG	UN3175	Solids containing flammable liquid, n.o.s. (Isopropyl Alcohol, Ethyl Alcohol), Limited Quantity	4.1	II
IATA	UN3175	Solids containing flammable liquid, n.o.s. (Isopropyl Alcohol, Ethyl Alcohol), Limited Quantity	4.1	II

Canister:				
	UN Number	Proper Shipping Name	Hazard Class	Packing Group
US DOT	UN1987	Alcohols, n.o.s. (contains Ethanol, Isopropanol), Limited Quantity	3	III
IMDG	UN1987	Alcohols, n.o.s. (contains Ethanol, Isopropanol), Limited Quantity	3	III
IATA	UN1987	Alcohols, n.o.s. (contains Ethanol, Isopropanol), Limited Quantity	3	III

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reporductice harm. For more information go to www.P65Warnings.ca.gov.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Isopropyl alcohol 67-63-0	X	X	X
Ethyl Alcohol	X	X	X

64-17-5			
Ethylene glycol monohexyl ether 112-25-4	X		

U.S. EPA Label Information

See EPA Pesticide Registration Number 9480-12.

16. Other information

NFPA	**Health hazards** 2	**Flammability** 3	**Instability** 0	**Physical and chemical properties** -
HMIS	**Health hazards** 2	**Flammability** 3	**Physical hazards** 0	**Personal protection** X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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Revision Note No information available.

Disclaimer

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.

End of Safety Data Sheet