

1. Product and Company Identification

Product Name	Sani-Cloth AF MSDS No. 0090
CAS #	Mixture
Product use	Disinfectant
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 Phone (USA) 1-845-365-1700 (M-F 8am - 5pm)

2. Hazards Identification

Emergency overview	PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals. CAUTION Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. PHYSICAL AND CHEMICAL HAZARDS: COMBUSTIBLE Do not use or store near heat or open flame. Do not use on natural marble, windows, unpainted wood, brass, clear plastics or colored grout.
Potential short term health effects	
Routes of exposure	Eye. Skin contact.
Eyes	Moderately irritating to the eyes.
Skin	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs	Eyes. Skin.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
OSHA Regulatory Status	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects	This product has not been tested.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Dipropylene glycol n-propyl ether	29911-27-1	2.5 - 10
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not Applicable	0.1 - 1
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	Not Applicable	0.1 - 1

4. First Aid Measures

First aid procedures	
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air.
Ingestion	Not a normal route of exposure. Do not induce vomiting. Contact a physician or Poison Control Center.
Notes to physician	Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

Flammable properties	Not flammable per ICAO Test Method 1.1.2.1
Extinguishing media	
Suitable extinguishing media	Water spray. Dry chemical. Alcohol foam.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	None necessary.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Not applicable.
Methods for cleaning up	Pick up towels and discard in trash. Wipe or mop up liquid, if any, and dispose properly.
Other information	Pick up and discard towel.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials. Do not use or store near heat or open flame. Do not contaminate water, food or feed by storage or disposal. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

8. Exposure Controls / Personal Protection

Exposure limits	
Ingredient(s)	Exposure Limits
Dipropylene glycol n-propyl ether	ACGIH-TLV Not established OSHA-PEL Not established
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	ACGIH-TLV Not established OSHA-PEL Not established
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	ACGIH-TLV Not established OSHA-PEL Not established
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye / face protection	Wear gear as deemed necessary. Follow label directions.
Hand protection	Wear as deemed necessary, follow label directions.
Skin and body protection	Follow label directions carefully.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear. Liquid saturated on wipe
Color	Colorless
Form	Liquid saturated on wipe.
Odor	Slight solvent
Odor threshold	Not available
Physical state	Solid
pH	7.43 (Liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	150.08 °F (65.6 °C) (Liquid) Tag Closed Cup
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.9998 (Liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Wipe is not soluble
Viscosity	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	Reacts vigorously with acids.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Caustics. Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride.

11. Toxicological Information

Acute effects	Acute LD50: 5000 mg/kg, Rabbit, Dermal
----------------------	--

Component analysis - LC50

Ingredient(s)	LC50
----------------------	-------------

Dipropylene glycol n-propyl ether	Not available
-----------------------------------	---------------

N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not available
---	---------------

N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	Not available
--	---------------

Component analysis - Oral LD50

Ingredient(s)	LD50
----------------------	-------------

Dipropylene glycol n-propyl ether	2000 mg/kg rat
-----------------------------------	----------------

N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	Not available
---	---------------

N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	Not available
--	---------------

Effects of acute exposure

Eye	Moderately irritating to the eyes.
------------	------------------------------------

Skin	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
-------------	--

Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
-------------------	---

Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
------------------	---

Sensitization	The finished product is not expected to have chronic health effects.
----------------------	--

Chronic effects	The finished product is not expected to have chronic health effects.
------------------------	--

Carcinogenicity	The finished product is not expected to have chronic health effects.
------------------------	--

Mutagenicity	The finished product is not expected to have chronic health effects.
---------------------	--

Reproductive effects	The finished product is not expected to have chronic health effects.
-----------------------------	--

Teratogenicity	The finished product is not expected to have chronic health effects.
-----------------------	--

Name of Toxicologically Synergistic Products	Not available
---	---------------

12. Ecological Information

Ecotoxicity	This product has not been tested.
--------------------	-----------------------------------

Persistence / degradability	Not available
------------------------------------	---------------

Bioaccumulation / accumulation	Not available
---------------------------------------	---------------

Mobility in environmental media	Not available
--	---------------

Environmental effects	Not available
------------------------------	---------------

Aquatic toxicity	Not available
-------------------------	---------------

Partition coefficient	Not available
------------------------------	---------------

Chemical fate information	Not available
----------------------------------	---------------

13. Disposal Considerations

Disposal instructions	Review federal, state and local government requirements prior to disposal. Follow container label directions carefully. Do not reuse towel. Dispose of used towel in trash. Do not flush in toilet. Do not reuse empty container. Wrap container and put in trash collection.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

EPA Registration No. - 9480-5

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations California Prop 65: This product is not subject to warning labeling under California Prop 65.

Inventory status

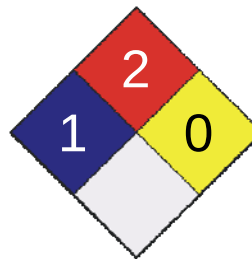
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	2
Physical Hazard	0
Personal Protection	



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

23-Nov-2010

Effective date

15-Nov-2010

Prepared by

Dell Tech Laboratories Ltd. (519) 858-5021

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.