

**SaniZide®Plus Germicidal Solution**

**SDS Revision Date (mm/dd/yyyy): 05/02/2024**

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## **SAFETY DATA SHEET**

### **SECTION 1. IDENTIFICATION**

**Product identifier used on the label**

: **SaniZide®Plus Germicidal Solution**

**Other means of identification :**

9900010  
Premoistened towelette  
Canister: 160 Count  
Container: 4oz, 8oz, 16oz, 32oz and 1 gallon

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

: Cleaner  
Restriction on use: None known

**Chemical family** : Mixture.

**Name, address, and telephone number of the supplier:**

**Safetec of America, Inc.**

887 Kensington Avenue  
Buffalo, NY, USA  
14215

Supplier's Telephone # : 716-895-1822

**24 Hr. Emergency Tel #** : 1-800-255-3924

**Name, address, and telephone number of the manufacturer:**

Refer to supplier

### **SECTION 2. HAZARDS IDENTIFICATION**

**Classification of the chemical**

Towelette / pad saturated with clear, colourless liquid. OrClear liquid. Odorless.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

The classification below is provided for informational purposes only.

**Classification:**

Skin Irritation - Category 2

Serious eye damage/eye irritation - Category 2A

**Label elements**

**Hazard pictogram(s)**



**Signal Word**

Warning!

**Hazard statement(s)**

Causes skin irritation.

Causes serious eye irritation.

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*Precautionary statement(s)*

Wash thoroughly after handling.  
Wear protective gloves and eye/face protection.  
If on skin: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation occurs: Get medical advice/attention.  
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.

**Other hazards**

Other hazards which do not result in classification: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethoxylated nonylphenol	Nonylphenol Ethoxylated	9016-45-9	0.53
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compound Benzalkonium chloride	68391-01-5	0.11
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	68956-79-6	0.11

The remaining ingredients are either non-hazardous or are below reportable thresholds.

### **SECTION 4. FIRST-AID MEASURES**

**Description of first aid measures**

- Ingestion* : None required when used as intended. If swallowed, DO NOT induce vomiting.all a POISON CENTER or doctor/physician if you feel unwell.
- Inhalation* : None required when used as intended. If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
- Skin contact* : None required when used as intended. If irritation or symptoms develop, seek medical attention.
- Eye contact* : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

**Most important symptoms and effects, both acute and delayed**

- None expected, when used as intended.
- Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin.
- Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of any immediate medical attention and special treatment needed**

- Treat symptomatically.

### **SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

- Water. Water spray. Dry chemicals. Foam. Carbon dioxide (CO2).

*Unsuitable extinguishing media*

- Do not use water jet as extinguisher, as this will spread the fire.

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**Special hazards arising from the substance or mixture / Conditions of flammability**

: Burning may produce irritating, toxic and obnoxious fumes.

**Flammability classification (OSHA 29 CFR 1910.106)**

: Not flammable.

**Hazardous combustion products**

: Carbon oxides. Hydrogen chloride

**Special protective equipment and precautions for firefighters**

*Protective equipment for fire-fighters*

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

*Special fire-fighting procedures*

: Fight fires from a safe distance. Cool closed containers exposed to fire with water spray.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

: Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

**Environmental precautions** : Avoid discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up**

: Wipe up with absorbent material (e.g. cloth, fleece).

**Special spill response procedures**

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).

## **SECTION 7. HANDLING AND STORAGE**

**Precautions for safe handling**

: Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes.

**Conditions for safe storage** : Keep container tightly closed. Keep cool. Store away from incompatible materials.

**Incompatible materials** : Strong oxidizing agents. Acids.

## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b><u>Exposure Limits:</u></b>				
<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV</u></b>		<b><u>OSHA PEL</u></b>	
	<b><u>TWA</u></b>	<b><u>STEL</u></b>	<b><u>PEL</u></b>	<b><u>STEL</u></b>
Ethoxylated nonylphenol	N/Av	N/Av	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	N/Av	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	N/Av	N/Av	N/Av

**Exposure controls**

**Ventilation and engineering measures**

: Ensure adequate ventilation, especially in confined areas.

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**Respiratory protection** : None required when used as intended.  
**Skin protection** : None required when used as intended.  
**Eye / face protection** : None required when used as intended.  
**Other protective equipment** : None required when used as intended.  
**General hygiene considerations** : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** : Liquid  
**Colour** : Clear  
**Odour** : Odorless.  
**Odour threshold** : Not available.  
**pH** : 11 - 12  
**Melting Point/Freezing point** : (-1.1 °C) 30.02 °F  
**Initial boiling point and boiling range** : (93.33 °C) 200 °F  
**Flash point** : (93.3 °C) 200.0 °F  
**Flashpoint (Method)** : Seta closed cup  
**Evaporation rate (BuAe = 1)** : Not available.  
**Flammability** : Not applicable.  
**Lower explosion or flammability limit (% by vol.)** : Not available.  
**Upper explosion or flammability limit (% by vol.)** : Not available.  
**Oxidizing properties** : Not available.  
**Explosive properties** : Not available.  
**Vapour pressure** : Not available.  
**Relative vapour density** : > 1  
**Relative density / Specific gravity** : 1.01  
**Solubility in water** : Complete  
**Other solubility(ies)** : Not available.  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : Not available.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Viscosity** : Not available.  
**Particle characteristics** : Not applicable.  
**Volatiles (% by weight)** : Not available.  
**Volatile organic Compounds (VOC's)** : 0%  
**Absolute pressure of container** : Not available.  
**Flame projection length** : Not available.  
**Other physical/chemical comments** : None known or reported by the manufacturer.

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**SAFETY DATA SHEET****SECTION 10. STABILITY AND REACTIVITY**

**Reactivity** : The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** : Stable under normal conditions.

**Possibility of hazardous reactions** : Hazardous polymerization does not occur.

**Conditions to avoid** : High temperatures.

**Incompatible materials** : Strong oxidizing agents. Acids

**Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 5.

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

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : NO

**Routes of exposure skin absorption** : YES

**Potential Health Effects:****Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

*Sign and symptoms ingestion*

: No harmful effects expected in amounts likely to be ingested by accident.

*Sign and symptoms skin* : None expected, when used as intended. Causes skin irritation. Symptoms may include a burning sensation, redness, swelling, drying, and cracking of the skin.

*Sign and symptoms eyes* : None expected, when used as intended. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

**Potential Chronic Health Effects**

: None expected, when used as intended.

**Mutagenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive effects & Teratogenicity**

: This product is not expected to cause reproductive effects.

**Sensitization to material** : This product is not expected to cause respiratory sensitization.  
This product is not expected to cause skin sensitization.

**Specific target organ effects** : This material is not classified as hazardous under U.S. OSHA regulations (29 CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

**Medical conditions aggravated by overexposure**

: None reported by the manufacturer.

**Synergistic materials** : None reported by the manufacturer.

**Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

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<b>Chemical name</b>	<b>LC<sub>50</sub>(4hr)</b>	<b>LD<sub>50</sub></b>	
	<b>inh, rat</b>	<b>(Oral, rat)</b>	<b>(Rabbit, dermal)</b>
Ethoxylated nonylphenol	1310mg/kg	N/Av	>2000 mg/kg
Alkyl dimethyl benzyl ammonium chloride	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	N/Av	N/Av

**Other important toxicological hazards**

: None reported by the manufacturer.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** : Do not allow material to contaminate ground water system. The product is not classified as environmentally hazardous.

**Ecotoxicity data:**

<b>Ingredients</b>	<b>CAS #</b>	<b>Toxicity to Fish</b>		
		<b>LC<sub>50</sub> / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Ethoxylated nonylphenol	9016-45-9	0.13 mg/L Bluegill (Lepomis macrochirus)	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

<b>Ingredients</b>	<b>CAS #</b>	<b>Toxicity to Daphnia</b>		
		<b>EC<sub>50</sub> / 48h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Ethoxylated nonylphenol	9016-45-9	4.8 mg/L Water flea (Daphnia magna)	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

<b>Ingredients</b>	<b>CAS #</b>	<b>Toxicity to Algae</b>		
		<b>EC<sub>50</sub> / 96h or 72h</b>	<b>NOEC / 96h or 72h</b>	<b>M Factor</b>
Ethoxylated nonylphenol	9016-45-9	20 mg/L/72hr Green algae (Selenastrum capricornutum)	8 mg/L/72hr Green algae (Selenastrum capricornutum)	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

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**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethoxylated nonylphenol	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	N/Av

**Mobility in soil** : No data is available on the product itself.

**Other Adverse Environmental effects**

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Methods of Disposal** : Dispose of in accordance with local regulations. Empty container or liners may retain some product residues.

**RCRA** : The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

## SECTION 14. TRANSPORT INFORMATION

<b>Regulatory Information</b>	<b>UN Number</b>	<b>UN proper shipping name</b>	<b>Transport hazard class(es)</b>	<b>Packing Group</b>	<b>Label</b>
49CFR/DOT	None.	Not regulated.	not regulated	none	none
<b>49CFR/DOT Additional information</b>	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	none
<b>ICAO/IATA Additional information</b>	None.				
IMDG	None.	Not regulated.	not regulated	none	none
<b>IMDG Additional information</b>	None.				

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**Special precautions for user :** None reported by the manufacturer.

**Environmental hazards :** This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

### **SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

<b>Ingredients</b>	<b>CAS #</b>	<b>TSCA Inventory</b>	<b>CERCLA Reportable Quantity(RQ) (40 CFR 117.302):</b>	<b>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:</b>	<b>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical</b>	
					<b>Toxic Chemical</b>	<b>de Minimis Concentration</b>
Ethoxylated nonylphenol	9016-45-9	Yes	N/Ap	N/Av	No	N/Ap
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	Yes	N/Ap	N/Av	No	N/Ap
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Skin irritation Eye irritation

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<b>Ingredients</b>	<b>CAS #</b>	<b>California Proposition 65</b>		<b>State "Right to Know" Lists</b>					
		<b>Listed</b>	<b>Type of Toxicity</b>	<b>CA</b>	<b>MA</b>	<b>MN</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Ethoxylated nonylphenol	9016-45-9	No	N/Ap	No	No	No	No	No	No
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	No	N/Ap	No	No	No	No	No	No
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	No	N/Ap	No	No	No	No	No	No

**Canadian Information:**

All ingredients are listed on the DSL, or are exempted materials. Refer to Section 2 for a WHMIS Classification for this product.

**International Information:**

Components listed below are present on the following International Inventory list:

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<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECL/KECL	China IECSC	New Zealand IOC
Ethoxylated nonylphenol	9016-45-9	500-024-6	Present	Present	(7)-172	KE-26244	Present	HSR003054; HSNO Approval: HSR006598, HSR006618 (dilution)
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	269-919-4	Present	Present	(3)-2694	KE-00775	Present	HSR003609
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	273-318-2	Present	Present	No data available.	2001-3-1988	Present	No data available.

**SECTION 16. OTHER INFORMATION**

**Legend**

:
   
ACGIH: American Conference of Governmental Industrial Hygienists
   
CAS: Chemical Abstract Services
   
CEPA: Canadian Environmental Protection Act
   
CSA: Canadian Standards Association
   
DOT: Department of Transportation
   
DSL: Domestic Substances List
   
EPA: Environmental Protection Agency
   
IARC: International Agency for Research on Cancer
   
IATA: International Air Transport Association
   
ICAO: International Civil Aviation Organisation
   
IMDG: International Maritime Dangerous Goods
   
LC: Lethal Concentration
   
LD: Lethal Dose
   
N/Ap: Not Applicable
   
N/Av: Not Available
   
NOEC: No observable effect concentration
   
NTP: National Toxicology Program
   
OECD: Organisation for Economic Co-operation and Development
   
OEL: National occupational exposure limits
   
OSHA: Occupational Safety and Health Administration
   
PA: Pennsylvania
   
PEL: Permissible exposure limit
   
SARA: Superfund Amendments and Reauthorization Act
   
STEL: Short Term Exposure Limit
   
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
   
TLV: Threshold Limit Values
   
TWA: Time Weighted Average

**References**

:

**Preparation Date (mm/dd/yyyy)**

:
   
03/14/2019

**Reviewed Date SDS (dd/mm/yyyy)**

:
   
02/05/2024

**Revision No.**

:
   
2

**Revision Information**

:
   
9. PHYSICAL AND CHEMICAL PROPERTIES



Safetec of America, Inc.  
887 Kensington Avenue  
Buffalo, NY, USA, 14215  
Telephone: (716) 895 1822

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### **DISCLAIMER**

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**END OF DOCUMENT**