

Safety Data Sheet

Section 1 - Identification

Product Name: Simpurity Microroll Gauze
Product Use: Wound Dressing
Product Size: 4.5"x4.1 yards
Product Numbers: SNS53344
Manufacturer: Safe n Simple
Address: 5827 Terex
City: Clarkston
State: MI
ZIP: 48346
Country: US
Phone Number: Toll Free: 844-767-6334
Date Revised: April 2021

Section 2 - Composition / Information on Ingredients

CAS#	Component Name	Percent (%)
27083-27-8	Poly(hexamethylenebiguanide) hydrochloride	0.1
68424-85-1	Benzalkonium chloride	0.02

Section 3 - Handling and Storage

Precautions for Safe Handling

Wear personal protective clothing and equipment. Observe good hygiene and safety practices when handling this product.

Conditions for Safe Storage, Including

any Incompatibilities Store in a cool, dry place. Store in a well-ventilated place.

Incompatible Materials

None known.

Section 4 - Physical and Chemical Properties

Appearance: Colorless to pale yellow fabric
Physical State: Solid
Color: Colorless to pale yellow
Odor: Odorless
Odor Threshold: Not Available
pH: 5 – 5.5, conc: 10% w/w in water
Melting Point: Not Available
Boiling Point: Not Available

Freezing Point:	Not Available
Evaporation Rate:	Not Available
Boiling Point Range:	Not Available
Flammability (solid, gas):	Not Available
Autoignition:	Not Available
Flash Point:	Not Flammable
Lower Explosive Limit:	Not Available
Decomposition:	Not Available
Upper Explosive:	Not Available
Vapor Pressure:	Not Available

Section 5 - Stability and Reactivity

Reactivity

Not known to occur.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition.

Incompatible Materials

None known.

Hazardous decomposition products

Oxides of carbon, hydrogen chloride

Section 6 - Toxicological Information

Information on Likely Routes of Exposure

Inhalation

None known.

Skin Contact

Repeated or prolonged exposure may cause allergic sensitization.

Eye Contact

May cause mild eye irritation.

Ingestion

If large amounts are swallowed, nausea and vomiting may occur. May cause gastrointestinal irritation with diarrhea.

Acute and Chronic Toxicity

For animal evaluation the systemic toxicity, subacute systemic toxicity, local effects after implantation, there was no evidence of acute and chronic toxicity. Therefore, this product is not considered a carcinogen.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Poly(Hexamethylenebiguanide)hydrochloride (27083-27-8) Oral

LD50 Rat >2000 mg/kg (Safety Data Sheet)

Dermal LD50 Rat >2000 mg/kg (Safety Data Sheet) Benzalkonium chloride (68424-85-1)

Oral LD50 Rat >344 mg/kg (Safety Data Sheet) Dermal LD50

Rat >3340 mg/kg (Safety Data Sheet)

Immediate Effects

May cause mild eye irritation.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

May cause mild eye irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration hazard

No hazard expected.

Medical Conditions Aggravated by Exposure

No data available.

Additional Data

No additional information available.

Section 7 - Disposal Considerations

Disposal Methods

Dispose in accordance with all applicable regulations.