



**1. IDENTIFICATION**

**SECTION 1. IDENTIFICATION**

**Product Identifier**

Product Name: PS MINT KLEANSE DISINFECT CLNR

**Other means of identification**

SDS#  
Product Code: 75004026 4/1

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

Recommended Use

**Details of the supplier of the safety data sheet**

**Supplier Address:**

**Lonza Inc.**

90 Boroline Road  
Allendale, NJ 07401  
USA  
Business Telephone 1-201-316-9200

**Lonza Inc.**

1200 Bluegrass Lakes Pkwy  
Alpharetta, GA 30004  
USA  
Business Telephone 1-678-624-5800

**E-mail address**

prodinfo@lonza.com

Company Phone Number

+41 61 313 94 94 (24h )

Emergency Telephone (24hr)

For US only CHEMTREC 1-800-424-9300

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

Recommended use : Biocides

**2. HAZARDS IDENTIFICATION**

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 (HazCom2012).

**GHS Label element**

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 (HazCom2012).

**Other hazards**

None known.



### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	2.00
Nonylphenol branched ethoxylated	127087-87-0	1.00
Propan-2-ol	67-63-0	1.00
Water	7732-18-5	96.00

### SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.  
In the case of skin irritation or allergic reactions see a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : If accidentally swallowed obtain immediate medical attention.  
Clean mouth with water and drink afterwards plenty of water.  
Do not induce vomiting without medical advice.  
Never give anything by mouth to an unconscious person.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry powder  
Water spray  
Foam
- Specific hazards during firefighting : Heating or fire can release toxic gas.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters  
In the event of fire, wear self-contained breathing apparatus

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use respirator when performing operations involving potential exposure to vapour of the product.
- Environmental precautions
- General advice : Prevent product from entering drains.

: Sweep up or vacuum up spillage and collect in suitable container for disposal.

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## SECTION 7. HANDLING AND STORAGE

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Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.

Conditions for safe storage : Keep tightly closed in a dry and cool place.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		REL	400 ppm 980 mg/m <sup>3</sup>	NIOSH/GUIDE
		STEL	500 ppm 1,225 mg/m <sup>3</sup>	NIOSH/GUIDE
		PEL	400 ppm 980 mg/m <sup>3</sup>	OSHA_TRANS
		TWA	400 ppm 980 mg/m <sup>3</sup>	Z1A
		STEL	500 ppm 1,225 mg/m <sup>3</sup>	Z1A
		TWA	200 ppm	CAD ON OEL
		STEL	400 ppm	CAD ON OEL

### Appropriate engineering controls

#### Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Material : Nitrile rubber

Rate of permeability : > 480 min

Eye protection : Tightly fitting safety goggles

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
No special protective equipment required.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and immediately after handling the product.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: clear, yellow, Color depends on dye added
Odour	: Varies with fragrance added
Odour Threshold	: no data available
pH	: no data availabl
Melting point/range	: no data available
Boiling point/boiling range	: no data available
Flash point	: 98.89 °C
Evaporation rate	: 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
Relative density	: no data available
Solubility(ies) Water solubility	: soluble
Partition coefficient: n- octanol/water	: no data available
Auto-ignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available

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## SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: None known.Stable
Conditions to avoid	: None known.
Incompatible materials	: None known.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapours.

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## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: Eyes Skin Inhalation Ingestion
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### Carcinogenicity

IARC	Human carcinogen. Propan-2-ol	67-63-0
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### Further information

Remarks: Information given is based on data on the components and the toxicology of similar products.

### The following toxicological data refer to:

**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides** (CAS-No.: 68424-85-1)

### Acute toxicity

Acute oral toxicity (LD50)	: ca. 344 mg/kg Species: Rat
Acute dermal toxicity (LD50)	: ca. 3,340 mg/kg Species: Rabbit Exposure time: 24 h

### Skin corrosion/irritation

Skin irritation	: Corrosive Species: Rabbit Exposure time: 24 h Method: DOT
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### Serious eye damage/eye irritation

Eye irritation	: Corrosive Species: Rabbit Method: DOT
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### Respiratory or skin sensitisation

Sensitisation	: Test Type: Buehler Test Species: Guinea pig Assessment: Did not cause sensitisation on laboratory animals. Method: OECD Test Guideline 406
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Result: not sensitizing  
GLP: yes

**Germ cell mutagenicity**

Genotoxicity in vitro

: negative  
Ames test, Salmonella typhimurium  
Metabolic activation: yes Method: OECD Test Guideline 471  
GLP: yes

negative  
Chromosome aberration test in vitro, Human lymphocytes  
Metabolic activation: yes Method: OECD Test Guideline 473  
GLP: yes

**Nonylphenol branched ethoxylated** (CAS-No.: 127087-87-0)

**Propan-2-ol** (CAS-No.: 67-63-0)

**Acute toxicity**

Acute oral toxicity (LD50) : 5,045 mg/kg  
Species: Rat

Acute inhalation toxicity (LC50) : 73 g/m<sup>3</sup>  
Species: Rat  
Exposure time: 4 h

**Skin corrosion/irritation**

Skin irritation : mild irritant  
Species: Rabbit

**Serious eye damage/eye irritation**

Eye irritation : severe irritant  
Species: Rabbit

**Respiratory or skin sensitisation**

Sensitisation : Species: Humans  
Result: Sensitising

**Carcinogenicity**

<b>IARC</b>	Human carcinogen.	
	Propan-2-ol	67-63-0
<b>OSHA</b>	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.	
<b>NTP</b>	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.	
<b>ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential****Components:**

**Propan-2-ol**

Partition coefficient: n-octanol/water : log Pow: 0.05 (25 °C)

**Mobility in soil**

no data available

**Other adverse effects**

Additional ecological information : There is no data available for this product.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

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

Contaminated packaging : Dispose of as unused product.

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**SECTION 14. TRANSPORT INFORMATION**

**IATA** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**IMDG** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : Marine pollutant: no

**ADR** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**RID** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no



DOT : Not dangerous goods

UN number : Not applicable  
Proper shipping name : Not applicable  
Transport hazard class : Not applicable  
Packing group : Not applicable  
Environmental hazards : no

TDG : Not dangerous goods

UN number : Not applicable  
Proper shipping name : Not applicable  
Transport hazard class : Not applicable  
Packing group : Not applicable  
Environmental hazards : no

Special precautions for user : none

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

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## SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word : DANGER!  
Hazard statements : Harmful if inhaled.  
Corrosive. Causes irreversible eye damage.

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

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)

SARA 311/312 Hazards : No SARA Hazards

#### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Propan-2-ol 67-63-0 1 %

### US State Regulations

#### Massachusetts Right To Know

Propan-2-ol 67-63-0  
**Pennsylvania Right To Know**

Propan-2-ol 67-63-0  
**New Jersey Right To Know**

Propan-2-ol 67-63-0

**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.

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**SECTION 16. OTHER INFORMATION**

**Revision Date:** 04-June-2015

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.