

SAFETY DATA SHEET (SDS)



San-Spray

1. Identification

Product Name: San-Spray
Product Code: OHSS001
Recommended Use: ALCOHOL-BASED HAND SANITIZER

Supplier Details: Orlichem (PTY) Ltd
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2. Hazards identification

Classification	Health: Eye Irritation	Category	2B
	Environmental: Not Classified		
	Physical: Flammable Liquid	Category	2

Label element



Warning

Hazard Statements	Health: H320 - Causes eye irritation Environmental: Not Classified Physical: H227 - Combustible liquid
Precautionary Statements	General: P102 - Keep out of reach of children. P103 - Read label before use. Prevention: P270 - Do not eat, drink or smoke when using this product. Response: See Section 4 (First- Aid Measures) Storage: P402+404 - Store in a dry place. Store in a closed container. Disposal: P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

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3. Composition / Information on ingredients

Substance Mixture

Name	CAS No.	EC No.	Index No.	%
Propan-2-ol	67-63-0	200-661-7		<70
sodium;chloro-(4 methylphenyl)sulfonylzanide	127-65-1			<5

Occupational Exposure Limit(s), if available, are listed in section 8

4. First- Aid Measures

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. (P305+351+338)

If eye irritation persists get medical advice/attention.(P337+313)

Skin Contact: IF ON SKIN: Wash with plenty of water (P302+352)

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+340)

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+330+331)

Give Water or Milk to Drink.

Get immediate medical advice/attention. (P315)

Most important symptoms/effects, acute and delayed.

Eye Contact: Possible redness and irritation of affected area

Skin Contact: Not Available

Inhalation: Not Available

Ingestion: Possible Gastrointestinal disturbances

Indication of immediate medical attention and special treatment needed

No Information Available

5. Fire-Fighting measures

Extinguishing Media

Water Wet chemical Foam Dry powder Carbon dioxide

Vaporising liquid Halon

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

Specific hazards arising from the chemical

Decomposition products may include the following materials: ▪ Carbon Oxides

Special protective equipment and precautions for firefighters

Use personal protective equipment.

Keep containers exposed to fire cool with water spray.

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Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. Accident release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Protective Equipment: Wear protective clothing as per Section 8 (Exposure controls / personal protection)

Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away.

Environmental precautions Do not allow contact with surface or ground water.

Methods and materials for containment and cleaning up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway

7. Handling and Storage

Precautions for safe handling

Handling: Do not get in eyes. (P262)
Wash hands thoroughly after handling.(P264)
Do not eat, drink or smoke when using this product.(P270)
Wear protective gloves/protective clothing/eye protection/face protection.(P280)

Conditions for safe storage, including any incompatibilities

Storage: Keep out of reach of children. (P102)
Store in a dry place. Store in a closed container.(P402+404)
Keep only in original container. (P234)
Store away from other materials. (P420) (Such As Acids)

Incompatible Materials: Acids and Acidic Material

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8. Exposure controls / personal protection

Control parameters

Material Name	Cas No.	TWA	STEL	Notes
Propan-2-ol	67-63-0	Not Established	Not Established	-
sodium;chloro-(4 methylphenyl)sulfonylzanide	127-65-1	Not Established	Not Established	-

Exposure controls

Engineering Controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Occupational Exposure Control

Avoid Contact with eyes. Wear eye protection in extreme situations

Hygiene measures: Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, and using lavatory and at the end of the day.

9. Physical and chemical properties

Appearance:	Liquid , Light Amber
Odour:	Light Alcohol
Odour threshold:	Not Available
pH:	Not Available
Melting point / freezing point:	Not Available
Initial boiling point and boiling range:	Not Available
Flash point:	Not Available
Evaporation rate:	Not Available
Flammability:	Flammable
Upper/lower flammability or explosive limits:	Not Available
Vapour pressure:	Not Available
Vapour density:	Not Available
Relative density:	0.90 – 1.00
Solubility(ies)	Easily soluble in cold water, hot water
Partition coefficient: n-octanol/water:	Not Available
Auto-ignition temperature:	Not Available
Decomposition temperature:	Not Available
Viscosity:	Not Available
Explosive properties:	Not Available
Oxidising properties:	Not Available

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10. Stability and reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal temperatures and pressures.
Possibility of hazardous reactions:	No hazardous reactions known if used for its intended purpose.
Conditions to avoid:	See Section 7 (Handling and Storage)
Incompatible materials:	Acids and Acidic Material
Hazardous decomposition products:	Carbon Oxides

11. Toxicological information

Component Name	CAS No.	Data
Propan-2-ol	67-63-0	Acute Toxicity: Not Available Irritation: Not Available Reproductive: Not Available
acute toxicity:	x	Carcinogenicity: x
skin corrosion/irritation:	x	reproductive toxicity: x
serious eye damage/irritation:	✓	STOT-single exposure: x
respiratory or skin sensitization:	x	STOT-repeated exposure: x
germ cell mutagenicity:	x	aspiration hazard: x
	✓	Data Required to make classification available
	x	Not Available
Route(s) of entry/exposure		
Eye:		
Acute (Immediate):	Causes eye irritation (H320)	
Chronic (Delayed):	Not Available	
Skin:		
Acute (Immediate):	Not Available	
Chronic (Delayed):	Not Available	
Inhalation:		
Acute (Immediate):	Not Available	
Chronic (Delayed):	Not Available	
Ingestion:		
Acute (Immediate):	May be harmful if swallowed (H303)	
Chronic (Delayed):	Possible Gastrointestinal disturbances	

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12. Ecological information

Toxicity

Components

Components	Species	Test Results
Propan-2-ol		
Fish	Not Available	Not Available
Invertebrates, Aquatic	Not Available	Not Available
Algae	Not Available	Not Available

Persistence and degradability

Abiotic Degradation: Not Available

Physical- and photo-chemical elimination: Not Available

Biodegradation: Not Available

Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow): Not Available

Bioconcentration factor (BCF): Not Available

Mobility in Soil

Known or predicted distribution to environmental compartments: Not Available

Surface tension: Not Available

Adsorption/Desorption: Not Available

Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

Other adverse effects

Not Applicable

13. Disposal considerations

Waste treatment methods

Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Where possible recycle container. Consult manufacturer for recycling options.

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14. Transport information

International transport regulations

Regulatory Information	UN No.	Proper Shipping Name	Class	Packaging Group	Environmental hazards	Label
ARD/RID Class Land-Road/Railway	Not Regulated	Not Regulated	-	-	-	-
ADN Class Inland Waterways	Not Regulated	Not Regulated	-	-	-	-
IMDG Sea	Not Regulated	Not Regulated	-	-	-	-
IATA-DGR Class Air	Not Regulated	Not Regulated	-	-	-	-

Special precautions for user: None specified
Emergency Response Guidebook Number: Not Regulated
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: This product is provided only in non-bulk containers.

15. Regulatory Information

Hazard Symbol(s)



Classification

Warning

Hazardous Statement:

H320 - Causes eye irritation

H227 - Combustible liquid

Precautionary Statements

P262 - Do not get in eyes

Product Use:

Consumer and Industrial applications

Classification and labeling have been performed as close as possible according to EU directives 67/548/EEC, 1999/45/EC including any amendments and the intended use.

16. Other information

Date of Issue / Last Revision: 14 December 2018

SDS Code: OHSS001

Revision: 0 – 0

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**THIS SAFETY DATA SHEET COMPILES TO THE:
UNITED NATIONS – GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)
– FIFTH REVISED EDITION 2013**

Disclaimer:

This SDS summarizes at the date of issue, our best knowledge of the health, safety and environmental hazard information related to the product, and in particular, how to safely handle, use and transport the product in the workplace. Since Orlichem (PTY) Ltd and its subsidiaries cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review SDS in the context of how it is to be handled. We shall not assume any liability for the accuracy or completeness of the information herein or any advice given. Product is sold subject to our standard terms and conditions.

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