

SAVLON PROFESSIONAL DISINFECTANT SURFACE CLEANER S2

SAFETY DATA SHEET

(ACCORDING TO THE UNITED NATIONS GHS REV. 9, 2021)

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SECTION 1 IDENTIFICATION

1.1 GHS PRODUCT IDENTIFIER

Product Form	Mixture
Trade Name	SAVLON PROFESSIONAL DISINFECTANT SURFACE CLEANER S2

1.2 OTHER MEANS OF IDENTIFICATION

Synonym / Generic Name	Surface Cleaner
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1.3 RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Product Use	Inert hard surface disinfection and cleaning for industrial / institutional use; FOR EXTERNAL USE ONLY
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1.4 SUPPLIER'S DETAILS

Company Name & Address	ITC Limited; 37, J.L. Nehru Road, Kolkata 700071, INDIA.
Telephone & Email	(+91-33) 2288 9371 / 1800 103 2426 (Toll Free); consumer.care@itc.in

1.5 EMERGENCY PHONE NUMBER

Emergency Number	(+91-33) 2288 9371 (Weekdays- 9:00 AM to 6:00 PM)
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SECTION 2 HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Hazard Class and Category Code	Not available for the product; for ingredient-specific hazard classes, see section 16.
Hazard Statement Code	Not available for the product; for ingredient-specific hazard codes, see section 16.

2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Hazard Pictograms	Not available for the product; for ingredient-specific hazard pictogram, see section 16.
Signal Word	Not available for the product; for ingredient-specific signal word, see section 16.
Hazard Statements	Not available for the product; for ingredient-specific hazard statements, see section 16.
Precautionary Statements	Not available for the product; for ingredient-specific precautionary statements, see section 16.

2.3 OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

Not applicable.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Not applicable.

3.2 MIXTURES

Name	Product Identifier	Concentration (%)	GHS Classification
<i>propan-2-ol; isopropyl alcohol; isopropanol</i>	CAS No. 67-63-0	1 – 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Ingredients used in this product that are classified as hazardous or present above the GHS cut-off values to be classified as hazardous are listed above. See section 16 for description of hazard statements.

SECTION 4 FIRST-AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES

General advice	If you feel unwell, seek medical advice (show the label where possible).
First-aid measures: Skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. Seek medical attention if ill effect or irritation develops.
First-aid measures: Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Obtain medical attention if pain, blinking, irritation or redness persists.
First-aid measures: Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures: Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED

Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

Treat symptomatically.

SECTION 5 FIRE-FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

Suitable Extinguishing Media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable Extinguishing Media	Do not use a heavy water stream.

5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Hazardous Decomposition Products in case of fire	Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapours.
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5.3 SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protective equipment for firefighters	Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures	Evacuate unnecessary personnel.
Personal Precautions, PPE and Emergency Procedures	Wear recommended personal protective equipment. For further information, refer Section 8.
Prevention Measures for Secondary Accidents	Avoid release to the environment.
For non-emergency personnel	
Protective equipment	Wear personal protective equipment. Wear suitable protective clothing. For further information, refer Section 8.
Emergency procedures	Ventilate spillage area. Avoid contact with skin, eyes and clothing. Avoid breathing dust / fume / gas / mist / vapours / spray.
For emergency responders	
Protective equipment	Do not attempt to take action without suitable protective equipment. Wear recommended personal protective equipment. For further information, refer Section 8.

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment. Prevent entry to sewers and public waters.
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6.3	METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	
	For containment	Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Collect spillage.
	Methods for cleaning up	Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
	Other information	Dispose of materials or solid residues at an authorized site.

SECTION 7 HANDLING AND STORAGE

7.1	PRECAUTIONS FOR SAFE HANDLING	
	Advice on Safe-Handling	Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Avoid breathing dust / fume / gas / mist / vapours / spray.
	Hygiene Measures	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.
7.2	CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	
	Storage conditions	Keep only in the original container in a cool well-ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
	Packaging materials	High-density polyethylene (HDPE) bottles, jerry cans.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	CONTROL PARAMETERS	
	No additional information available.	
8.2	APPROPRIATE ENGINEERING CONTROLS	
	Appropriate engineering controls	Ensure good ventilation of the work station.
	Environmental exposure controls	Avoid release to the environment.
	Other information	Do not eat, drink or smoke during use.
8.3	INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)	
	Eye protection	Wear chemical goggles or safety glasses.
	Hand protection	Wear impermeable / chemical protective gloves.
	Skin and body protection	Wear suitable protective clothing (overalls).
	Respiratory protection	Wear suitable respiratory equipment in case of insufficient ventilation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

9.1	BASIC PHYSICAL AND CHEMICAL PROPERTIES	
	Physical State	Liquid.
	Colour	Transparent, green coloured.
	Odour	Characteristic.
	Melting point / freezing point	– 2 °C (melting point).
	Boiling point / boiling range	92°C.
	Flammability	Non-flammable.
	Lower and upper explosion limit	Not available.
	Flash point	60.5°C.
	Auto-ignition temperature	Product is not self-igniting.

	Decomposition temperature	Not available.
	pH	6.00 – 10.00
	Kinematic viscosity	Not available.
	Solubility	Soluble in water.
	Partition coefficient n-octanol / water	Not available.
	Vapour pressure	Not available.
	Density / relative density	0.9500 – 1.0600 g/cm ³ .
	Relative vapour density	Not available.
	Particle characteristics	Not available.

9.2 DATA RELEVANT WITH REGARD TO PHYSICAL HAZARD CLASSES (SUPPLEMENTAL)

	Explosive properties	Product is non-explosive.
	Oxidising properties	Product is non-oxidizing.

9.3 FURTHER SAFETY CHARACTERISTICS (SUPPLEMENTAL)

	No additional information available.
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SECTION 10 STABILITY AND REACTIVITY

10.1 REACTIVITY

	The product is non-reactive under normal conditions of use, storage and transport.
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10.2 CHEMICAL STABILITY

	Stable product. Keep container tightly closed in a dry, cool and well-ventilated place.
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10.3 POSSIBILITY OF HAZARDOUS REACTIONS

	No dangerous reactions known under normal conditions of use.
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10.4 CONDITIONS TO AVOID

	Avoid storing in direct sunlight.
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10.5 INCOMPATIBLE MATERIALS

	Incompatible with other floor cleaners, acids, bleach and household chemicals.
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10.6 HAZARDOUS DECOMPOSITION PRODUCTS

	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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SECTION 11 TOXICOLOGICAL INFORMATION

This product is safe for consumers and other users under intended and reasonably foreseeable use.

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

	Acute toxicity (oral)	Not classified (Based on available data, the classification criteria are not met).
	Acute toxicity (dermal)	Not classified (Based on available data, the classification criteria are not met).
	Acute toxicity (inhalation)	Not classified (Based on available data, the classification criteria are not met).
	Skin corrosion / irritation	Not classified (Based on available data, the classification criteria are not met).
	Serious eye damage / irritation	Not classified (Based on available data, the classification criteria are not met).
	Respiratory or skin sensitization	Not classified (Based on available data, the classification criteria are not met).
	Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met).
	Carcinogenicity	Not classified (Based on available data, the classification criteria are not met).
	Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met).

	STOT - single exposure	Not classified (Based on available data, the classification criteria are not met).
	STOT - repeated exposure	Not classified (Based on available data, the classification criteria are not met).
	Aspiration hazard	Not classified (Based on available data, the classification criteria are not met).

11.2 INFORMATION ON LIKELY ROUTES OF EXPOSURE

	Likely routes of exposure	Ingestion, Inhalation, Skin contact and Eye contact.
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SECTION 12 ECOLOGICAL INFORMATION

This product is safe for the environment at the concentrations predicted under normal use conditions and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

12.1 INFORMATION ON ECOTOXICOLOGICAL (ENVIRONMENTAL) PROPERTIES

	Toxicity	
	Hazardous to the aquatic environment, short-term (acute)	Not classified (Based on available data, the classification criteria are not met).
	Hazardous to the aquatic environment, long-term (chronic)	Not classified (Based on available data, the classification criteria are not met).
	Persistence and degradability	No additional information available.
	Bioaccumulative potential	No additional information available.
	Mobility in soil	No additional information available.
	Other adverse effects	
	Ozone	Not classified (Based on available data, the classification criteria are not met).
	Effect on the ozone layer	No additional information available.
	Other adverse effects	No additional information available.
	Other information	Avoid release to the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

	Waste treatment methods	Dispose of contents / container in accordance with licensed collector's sorting instructions.
	Product / packaging disposal recommendations	Dispose of in a safe manner in accordance with local/national regulations.
	Ecology - waste materials	Avoid release to the environment.

SECTION 14 TRANSPORT INFORMATION

In accordance with UN RTDG / IMDG / IATA.

		UN RTDG	IMDG	IATA
14.1	UN NUMBER	Not regulated for transport.		
14.2	UN PROPER SHIPPING NAME	Not regulated.	Not regulated.	Not regulated.
14.3	TRANSPORT HAZARD CLASS	Not regulated.	Not regulated.	Not regulated.
14.4	PACKING GROUP	Not regulated.	Not regulated.	Not regulated.
14.5	ENVIRONMENTAL HAZARDS	Not regulated.	Not regulated.	Not regulated.
14.6	SPECIAL PRECAUTIONS FOR THE USER			
	UN RTDG: Not regulated; IMDG: Not regulated; IATA: Not regulated.			
14.7	TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS			
	Not applicable.			

SECTION 15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION

No additional information available.

SECTION 16 OTHER INFORMATION

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INGREDIENT-SPECIFIC HAZARD INFORMATION

propan-2-ol; isopropyl alcohol; isopropanol (CAS No.: 67-63-0)

Hazard Class and Category Code Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

Hazard Statement Code H225, H319, H336

Hazard Pictograms  

Signal Word Danger

Hazard Statements
H225 – Highly flammable liquid and vapour.
H319 – Causes serious eye irritation.
H336 – May cause drowsiness or dizziness.

Precautionary Statements
P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 – Keep container tightly closed.
P240 – Ground and bond container and receiving equipment.
P241 – Use explosion-proof [electrical / ventilating / lighting /...] equipment.
P242 – Use non-sparking tools.
P243 – Take action to prevent static discharges.
P261 – Avoid breathing dust / fume / gas / mist / vapours / spray.
P264 – Wash [exposed parts of the body] thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
P280 – Wear protective gloves / protective clothing / eye protection / face protection / hearing protection /...
P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340+P312 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE / doctor /... if you feel unwell.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 – If eye irritation persists: Get medical advice/attention.
P370+P378 – In case of fire: Use [appropriate media stated in section 5] to extinguish.
P403+P233+P405 – Store in a well-ventilated place. Keep container tightly closed. Store locked up.
P403+P235 – Store in a well-ventilated place. Keep cool.
P501 – Dispose of contents / container in accordance with local regulations.

ABBREVIATIONS & ACRONYMS

CAS	Chemical Abstract Service
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA - DGR	International Air Transport Association - Dangerous Goods Regulations
ICAO - DGERG	International Civil Aviation Organization - Dangerous Goods Emergency Response Guide
IFRA	International Fragrance Association
IMDG Code	International Maritime Dangerous Goods Code
IMO-EmS	International Maritime Organization - Emergency Response Procedures for Ships Carrying Dangerous Goods
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PPE	Personal Protective Equipment
STOT	Specific Target Organ Toxicity
TDG - ERG	Transport of Dangerous Goods - Emergency Response Guidebook
UNRTDG	United Nations Recommendations on the Transport of Dangerous Goods

DISCLAIMER

This SDS is intended to provide a brief summary of knowledge and guidance regarding the use of this product. The information contained here has been compiled from sources considered by ITC Limited to be dependable and it is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazards communication regulations.

This information is offered in good faith and provided without any warranty, expressed or implied regarding its correctness or accuracy. Individual ingredient information is as per supplier's brochure or information available in public domain. Product information is generated in-house. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. Users of this product bear full responsibility to determine safe conditions for use of this product and to assume liability for any loss damage or expense whatsoever arising out of the improper use of the product.

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