



# SAFETY DATA SHEET

**BOSTIK SANITISER SURFACE SPRAY**  
Revision Number 3

Revision date 18-Jun-2020  
Supersedes Date: 08-Jun-2020

## **Section 1: Identification: Product identifier and chemical identity**

### Product identifier

**Product Name** BOSTIK SANITISER SURFACE SPRAY

### **Product Code(s)**

30617776  
30617559; 30617776; 30617865; 30617953

### Other means of identification

**Proper Shipping Name** Ethanol solution

**UN Number** UN1170

**Pure substance/mixture** Mixture

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

**Recommended use** Surface sanitizer

**Uses advised against** No information available

### Details of manufacturer or importer

#### **Supplier**

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

#### **Manufacturer**

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

**ABN:** 79 003 893 838

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**E-mail address**

au-bostik-sds@bostik.com

### Emergency telephone number

**Emergency telephone number** 24-hr Emergency: 1800 033 111

## **Section 2: Hazard(s) identification**

### GHS Classification

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

<b>Flammable liquids</b>	Category 2 - (H225)
<b>Serious eye damage/eye irritation</b>	Category 2A - (H319)

### Label elements

Flame  
Exclamation mark

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**Signal word**  
Danger

## Hazard statements

H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation

## Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
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  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

## Precautionary Statements - Storage

P403 + P235 - Store in a well-ventilated place. Keep cool

## Precautionary Statements - Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## Other hazards which do not result in classification

Prolonged or repeated contact may dry skin and cause irritation

## Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

**Poison Schedule Number** Not applicable

## **Section 3: Composition and information on ingredients, in accordance with Schedule 8**

### Substance

Not applicable

### Mixture

Chemical name	CAS No	Weight-%
Ethyl alcohol	64-17-5	80 % v/v
Water	7732-18-5	balance
Hydrogen peroxide	7722-84-1	< 1 % v/v

## **Section 4: First aid measures**

### **Emergency telephone number**

Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

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## Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	If skin irritation or rash occurs: Get medical advice/attention. Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

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

<b>Symptoms</b>	Burning sensation.
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## Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## Section 5: Firefighting measures

### Suitable extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
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<b>Unsuitable extinguishing media</b>	Do not use straight streams. CAUTION: Use of water spray when fighting fire may be inefficient.
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### Specific hazards arising from the chemical

<b>Specific hazards arising from the chemical</b>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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<b>Hazardous combustion products</b>	Carbon dioxide (CO2).
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### Special protective actions for fire-fighters

<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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<b>Hazchem code</b>	•2YE
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## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in
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immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

## Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow to enter into soil/subsoil.

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

**Methods for containment** Dike far ahead of spill; use dry sand to contain the flow of material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take up mechanically, placing in appropriate containers for disposal.

## Precautions to prevent secondary hazards

**Prevention of secondary hazards** Eliminate all ignition sources if safe to do so.

## **Section 7: Handling and storage, including how the chemical may be safely used**

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Avoid contact with eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product.

**General hygiene considerations** Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations.

**Incompatible materials** None known based on information supplied.

## **Section 8: Exposure controls and personal protection**

### Control parameters

### Exposure Limits

Chemical name	Australia
Ethyl alcohol 64-17-5	1000 ppm TWA 1880 mg/m <sup>3</sup> TWA
Hydrogen peroxide	1 ppm TWA

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7722-84-1	1.4 mg/m <sup>3</sup> TWA
OEL as published by Safe Work Australia	

## Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**Hand protection** No special protective equipment required. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Clear, colorless  
**Odor** Alcohol  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.2	solution (80 %)
Melting point / freezing point	No data available	
Boiling point / boiling range	78 °C	(Ethanol)
Flash point	13 °C	(Ethanol)
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	0.85 - 0.87	
Water solubility	Miscible in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Hyphen	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	1.07 mPa s	@ 20 °C
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other information

**Solid content (%)** No information available

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**VOC Content (%)** No information available  
**Density** No information available

## Section 10: Stability and reactivity

### Reactivity

**Reactivity** No information available.

### Chemical stability

**Stability** Stable under normal conditions.

### Explosion data

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** Yes.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### Conditions to avoid

**Conditions to avoid** Heat, flames and sparks.

### Incompatible materials

**Incompatible materials** None known based on information supplied.

### Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx).

## Section 11: Toxicological information

### Acute Toxicity

### Information on likely routes of exposure

#### Product Information

**Inhalation** May cause irritation of respiratory tract.  
**Eye contact** Causes serious eye irritation. May cause redness, itching, and pain.  
**Skin contact** May cause irritation. Prolonged contact may cause redness and irritation.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Symptoms** May cause redness and tearing of the eyes.

### Numerical measures of toxicity - Product Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol	6200 - 15000 mg/kg (Rattus) OECD 401	-	=124.7 mg/L (Rattus) 4 h
Water	>90 mL/kg (Rattus)	-	-

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Hydrogen peroxide	>=1193 (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	=170 mg/m <sup>3</sup> (Rattus) 4 h
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See section 16 for terms and abbreviations

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	May cause skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. More detailed substance and/or ingredient information may be provided in the other sections of this SDS.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	None under normal use conditions.
<b>STOT - repeated exposure</b>	None under normal use conditions.
<b>Aspiration hazard</b>	No information available.

## Section 12: Ecological information

### Ecotoxicity

#### **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl alcohol 64-17-5	EC50 72hr 12.9 g/l (Selenastrum capricornutum) NOEC 3.24 g/l (Skeletonema costatum)	LC50: >100mg/L (96h, Pimephales promelas)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50: (48h, Daphnia magna) EC50: =12.34 mg/L
Hydrogen peroxide 7722-84-1	EC50: =2.5mg/L (72h, Chlorella vulgaris)	LC50: 18 - 56mg/L (96h, Lepomis macrochirus) LC50: =16.4mg/L (96h, Pimephales promelas) LC50: 10.0 - 32.0mg/L (96h, Oncorhynchus mykiss)	-	EC50: =7.7mg/L (24h, Daphnia magna) EC50: 18 - 32mg/L (48h, Daphnia magna)

### Persistence and degradability

<b>Persistence and degradability</b>	No information available.
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### Bioaccumulative potential

<b>Bioaccumulation</b>	There is no data for this product.
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### **Component Information**

Chemical name	Partition coefficient
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Ethyl alcohol 64-17-5	-0.32
Hydrogen peroxide 7722-84-1	-1.57

## Mobility

**Mobility in soil** No information available.

**Mobility** No information available.

## Other Adverse Effects

**Other adverse effects** No information available.

## **Section 13: Disposal considerations**

### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## **Section 14: Transport information**

### ADG

**UN Number** UN1170  
**Proper shipping name** Ethanol solution  
**Hazard Class** 3  
**Packing Group** II  
**Special Provisions** 144  
**ADG Limited Quantity** 1 L  
**Description** UN1170, Ethanol solution, 3, II

**Hazchem code** •2YE

### IATA

**UN number** UN1170  
**Transport hazard class(es)** 3  
**Packing group** II  
**ERG Code** 3L  
**Special Provisions** A180, A3, A58  
**Limited Quantity (LQ)** 1 L  
**Description** UN1170, Ethanol solution, 3, II

### IMDG

**UN number** UN1170  
**Transport hazard class(es)** 3  
**Packing group** II  
**EmS-No** F-E, S-D  
**Limited Quantity (LQ)** 1 L  
**Special Provisions** 144  
**Marine pollutant** Np  
**Description** UN1170, Ethanol solution, 3, II, (13°C c.c.)

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available

## **Section 15: Regulatory information**

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## Safety, health and environmental regulations/legislation specific for the substance or mixture

### National regulations

#### Australia

See section 8 for national exposure control parameters

#### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**Poison Schedule Number** Not applicable

#### **Major hazard (accident/incident planning) regulation**

Verify that license requirements are met

#### Hazardous chemical

Liquids that meet the criteria for Class 3 Packing Group II or III

Liquids with flash points <61°C kept above their boiling points  
at ambient conditions

#### Threshold quantity (T)

50 000

200

### **National pollutant inventory**

Subject to reporting requirement

<b>Chemical name</b>	<b>National pollutant inventory</b>
Ethyl alcohol 64-17-5	10 tonne/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

### International Inventories

<b>AICS</b>	Listed
<b>NZIoC</b>	Listed
<b>ENCS</b>	Listed
<b>IECSC</b>	Listed
<b>KECL</b>	Listed
<b>PICCS</b>	Listed

#### **Legend:**

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

### Section 16: Any other relevant information

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Prepared By Product Safety & Regulatory Affairs

Revision date 18-Jun-2020

Revision note  
SDS sections updated: 3, 4, 8.

## Key or legend to abbreviations and acronyms used in the safety data sheet

### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

### **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

### **Section 12: Ecological information**

EC50 (effective concentration)

### **Disclaimer**

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

**End of Safety Data Sheet**