

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 1 of 8

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

SMART-SAN SANITISING WIPES

### PROPER SHIPPING NAME

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(contains ethanol)

### PRODUCT USE

Pre-wetted wipes for cleaning hands and hard surfaces. Suitable for use in food production.

### SUPPLIER

Company: Saraya Australia Pty Ltd

Address:

8 Northumberland Drive

Caringbah

NSW, 2229

Australia

Telephone: +61 2 9542 7400

Emergency Tel: +61 2 9542 7400, Australian Poisons Information Centre: 131126

Emergency Tel: New Zealand Poisons Information: 0800 764 766

Fax: 02 9542 7477

## Section 2 - HAZARDS IDENTIFICATION

### GHS Classification

Eye Irritation Category 2A

Flammable Solid Category 1

STOT - SE Category 3



### EMERGENCY OVERVIEW

#### HAZARD

DANGER

Determined by Chemwatch using GHS criteria

H228

Flammable solid.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS

#### Prevention

##### Code

##### Phrase

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240

Ground/bond container and receiving equipment.

P241

Use explosion- proof electrical/ventilating/lighting/equipment

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264

Wash thoroughly after handling.

P271

Use only outdoors or in a well- ventilated area.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

##### Code

##### Phrase

P304+P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312

Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313

If eye irritation persists: Get medical advice/attention.

#### Storage

##### Code

##### Phrase

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 2 of 8  
Section 2 - HAZARDS IDENTIFICATION

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
<b>Disposal Code</b>	<b>Phrase</b>
P501	Dispose of contents/container to authorised landfill.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
Non- woven fabric wipes moistened by a mixture of ethanol	64-17-5	>60
isopropanol	67-63-0	1-10

## Section 4 - FIRST AID MEASURES

### SWALLOWED

- Not considered a normal route of entry.
- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

### EYE

- If this product comes in contact with eyes:
- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

- Generally not applicable.
- Discontinue use if irritation occurs.

### INHALED

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

### NOTES TO PHYSICIAN

- Treat symptomatically.

## Section 5 - FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

- Alcohol stable foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means available, spillage from entering drains or water course.

### FIRE/EXPLOSION HAZARD

- Liquid and vapour are flammable.
  - Moderate fire hazard when exposed to heat or flame.
  - Vapour forms an explosive mixture with air.
  - Moderate explosion hazard when exposed to heat or flame.
- Combustion products include: carbon dioxide (CO<sub>2</sub>), other pyrolysis products typical of burning organic material.

### FIRE INCOMPATIBILITY

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 3 of 8  
Section 5 - FIRE FIGHTING MEASURES

---

## Section 6 - ACCIDENTAL RELEASE MEASURES

---

### MINOR SPILLS

- No special equipment needed when handling small quantities.
- Remove all ignition sources.
- Clean up all spills immediately.
  - Secure load if safe to do so.
  - Bundle/collect recoverable product.
  - Collect remaining material in containers with covers for disposal.

### MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.

**Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

---

## Section 7 - HANDLING AND STORAGE

---

### PROCEDURE FOR HANDLING

- No special equipment needed when handling small quantities.
- Remove all ignition sources.
- Limit all unnecessary personal contact.
  - Wear protective clothing when risk of exposure occurs.
  - Use in a well-ventilated area.
  - When handling DO NOT eat, drink or smoke.

### SUITABLE CONTAINER

- Plastic container.

### STORAGE INCOMPATIBILITY

- Avoid storage with oxidisers.

### STORAGE REQUIREMENTS

- Store in original containers in approved flame-proof area.
- No smoking, naked lights, heat or ignition sources.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- Keep containers securely sealed.

---

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### EXPOSURE CONTROLS

Source	Material	TWA ppm	STEL ppm	STEL mg/m <sup>3</sup>	Notes
Australia Exposure Standards	Smart- San Sanitising Wipes (Ethyl alcohol)	1000			American Conference of Governmental Industrial Hygienists (ACGIH) is the documentation source

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 4 of 8

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Source	Material	TWA ppm	STEL ppm	STEL mg/m <sup>3</sup>	Notes
Australia Exposure Standards	Smart- San Sanitising Wipes (Isopropyl alcohol)	400	500	1230	American Conference of Governmental Industrial Hygienists (ACGIH) is the documentation source

### MATERIAL DATA

#### SMART-SAN SANITISING WIPES:

- None assigned. Refer to individual constituents.

#### ETHANOL:

- Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat.

Historically occupational exposure standards for these irritants have been based on observation of workers' responses to various airborne concentrations.

For ethanol:

Odour Threshold Value: 49-716 ppm (detection), 101 ppm (recognition)

Eye and respiratory tract irritation do not appear to occur at exposure levels of less than 5000 ppm and the TLV-TWA is thought to provide an adequate margin of safety against such effects. Experiments in man show that inhalation of 1000 ppm caused slight symptoms of poisoning and 5000 ppm caused strong stupor and morbid sleepiness.

#### ISOPROPANOL:

- Odour Threshold Value: 3.3 ppm (detection), 7.6 ppm (recognition)

Exposure at or below the recommended isopropanol TLV-TWA and STEL is thought to minimise the potential for inducing narcotic effects or significant irritation of the eyes or upper respiratory tract. It is believed, in the absence of hard evidence, that this limit also provides protection against the development of chronic health effects.

### PERSONAL PROTECTION

#### RESPIRATOR

- Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

#### EYE

- No special equipment for minor exposure i.e. when handling small quantities.

#### OTHERWISE:

- Safety glasses with side shields.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent].

#### HANDS/FEET

- No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, e.g. PVC.

#### OTHER

- No special equipment needed when handling small quantities.

#### OTHERWISE:

- Overalls.
- Barrier cream.
- Eyewash unit.

#### ENGINEERING CONTROLS

- Use in a well-ventilated area.

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 5 of 8

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Plastic container containing non-woven wipes impregnated with flammable alcoholic solution with no residual free liquid. Odour of rubbing alcohol.

### PHYSICAL PROPERTIES

Solid.

State	Solid	Molecular Weight	Not Applicable
Melting Range (°C)	Not Applicable	Viscosity	Not Available
Boiling Range (°C)	Not Applicable	Solubility in water (g/L)	Not Applicable
Flash Point (°C)	21 (TCC)	pH (1% solution)	7
Decomposition Temp (°C)	Not Available	pH (as supplied)	Not Applicable
Autoignition Temp (°C)	Not Available	Vapour Pressure (kPa)	6 @ 20 degC
Upper Explosive Limit (%)	Not Available	Specific Gravity (water=1)	Not Applicable
Lower Explosive Limit (%)	Not Available	Relative Vapour Density (air=1)	2.1
Volatile Component (%vol)	VOC 87 w/w	Evaporation Rate	Not Available
Material		Value	
log Kow		- 0.31 to - 0.32;	
log Kow		- 0.16- 0.28;	

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

*For incompatible materials - refer to Section 7 - Handling and Storage.*

## Section 11 - TOXICOLOGICAL INFORMATION

### Health hazard summary table:

Acute toxicity	Not applicable
Skin corrosion/irritation	Not applicable
Serious eye damage/irritation	Eye Irrit. 2A
Respiratory or skin sensitization	Not applicable
Germ cell mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Not applicable
STOT- single exposure	STOT SE 3
STOT- repeated exposure	Not applicable
Aspiration hazard	Not applicable

### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

##### SWALLOWED

- Not normally a hazard due to physical form of product.
- Ingestion may result in nausea, abdominal irritation, pain and vomiting.
- Overexposure to non-ringing alcohols causes nervous system symptoms. These include headache, muscle weakness and inco-ordination, giddiness, confusion, delirium and coma.

##### EYE

- Not normally a hazard due to physical form of product.
- This material can cause eye irritation and damage in some persons.

##### SKIN

- There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons.
- Not considered an irritant through normal use.

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42

Version No:3.1.1.1

CD 2013/2 Page 6 of 8

## Section 11 - TOXICOLOGICAL INFORMATION

### INHALED

- Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and inco-ordination.
- Inhalation of vapour is more likely at higher than normal temperatures.
- Not considered an irritant through normal use.
- If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

### CHRONIC HEALTH EFFECTS

- Indicators are that short term exposure to the material by all routes is not harmful. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. Long term or repeated ingestion exposure of isopropanol may produce inco-ordination, lethargy and reduced weight gain.

Repeated inhalation exposure to isopropanol may produce narcosis, inco-ordination and liver degeneration.

### TOXICITY AND IRRITATION

- Not available. Refer to individual constituents.

### CARCINOGEN

isopropanol	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	3	Not classifiable as to its carcinogenicity to humans
-------------	---	-------	---	--

### SKIN

ethanol	GESAMP/EHS Composite List - GESAMP Hazard Profiles	D1: skin irritation/corrosion	1	
isopropanol	GESAMP/EHS Composite List - GESAMP Hazard Profiles	D1: skin irritation/corrosion	1	

## Section 12 - ECOLOGICAL INFORMATION

This material and its container must be disposed of as hazardous waste.

### Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
ethanol	LOW	MED	LOW	HIGH
isopropanol	LOW	MED	LOW	HIGH

## Section 13 - DISPOSAL CONSIDERATIONS

- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.
- Recycle containers if possible, or dispose of in an authorised landfill.

## Section 14 - TRANSPORTATION INFORMATION



Labels Required: FLAMMABLE SOLID

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 7 of 8

## Section 14 - TRANSPORTATION INFORMATION

### HAZCHEM:

1Z (ADG7)

#### ADG7:

Class or Division:	4.1	Subsidiary Risk:	None
UN No.:	3175	Packing Group:	II
Special Provision:	216 274	Limited Quantity:	1 kg
Portable Tanks & Bulk Containers - Instruction:	T3 BK1 BK2	Portable Tanks & Bulk Containers - Special Provision:	TP33
Packagings & IBCs - Packing Instruction:	P002 IBC06	Packagings & IBCs - Special Packing Provision:	PP9 B2

Name and Description: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.  
(contains ethanol)

#### Air Transport IATA:

ICAO/IATA Class:	4.1	ICAO/IATA Subrisk:	None
UN/ID Number:	3175	Packing Group:	II
Special provisions:	A46		

Shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(contains ethanol)

#### Maritime Transport IMDG:

IMDG Class:	4.1	IMDG Subrisk:	None
UN Number:	3175	Packing Group:	II
EMS Number:	F- A, S- I	Special provisions:	216 274

Limited Quantities: 1 kg  
Shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(contains ethanol)

## Section 15 - REGULATORY INFORMATION

### Indications of Danger:

F Highly Flammable  
Xi Irritant

POISONS SCHEDULE None

### REGULATIONS

#### Regulations for ingredients

##### ethanol (CAS: 64-17-5) is found on the following regulatory lists;

"Acros Transport Information", "Australia Exposure Standards", "Australia FAISD Handbook - First Aid Instructions, Warning Statements, and General Safety Precautions", "Australia Hazardous Substances", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia National Pollutant Inventory", "FEMA Generally Recognized as Safe (GRAS) Flavoring Substances 23 - Examples of FEMA GRAS Substances with Non-Flavor Functions", "FisherTransport Information", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances", "IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO", "International Air Transport Association (IATA) Dangerous Goods Regulations", "International Council of Chemical Associations (ICCA) - High Production Volume List", "International Fragrance Association (IFRA) Survey: Transparency List", "IOFI Global Reference List of Chemically Defined Substances", "OECD List of High Production Volume (HPV) Chemicals", "OSPAR National List of Candidates for Substitution - Norway", "Sigma-AldrichTransport Information", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Competition (German)", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports (French)", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports (Korean)", "World Anti-Doping Agency - The 2012 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports"

##### isopropanol (CAS: 67-63-0) is found on the following regulatory lists;

"Acros Transport Information", "Australia Exposure Standards", "Australia Hazardous Substances", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia National Pollutant Inventory", "Australia Quarantine and Inspection Service List of chemical compounds that are accepted solely for use at establishments registered to prepare meat and meat products for the purpose of the Export Control Act 1982", "FisherTransport Information", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances", "IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO", "International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs", "International Fragrance Association (IFRA) Survey: Transparency List", "IOFI Global Reference List of Chemically Defined Substances", "OECD List of High Production Volume (HPV) Chemicals", "OSPAR National List of Candidates for Substitution - Norway", "Sigma-AldrichTransport Information"

continued...

# SMART-SAN SANITISING WIPES

Chemwatch GHS Safety Data Sheet  
Issue Date: 1-Aug-2013  
C554SP

CHEMWATCH 4872-42  
Version No:3.1.1.1  
CD 2013/2 Page 8 of 8  
Section 15 - REGULATORY INFORMATION

---

No data for Smart-San Sanitising Wipes (CW: 4872-42)

---

## Section 16 - OTHER INFORMATION

---

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This document is copyright. Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH. TEL (+61 3) 9572 4700.

Issue Date: 1-Aug-2013

Print Date: 1-Aug-2013