

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

1 Identification

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Antibacterial skin sanitiser gel.**Details of Manufacturer or Importer:**Hi-Craft Group Pty Ltd
35-37 Mangrove Lane,
Taren Point, NSW 2229**Phone Number:** (02) 9526 0888

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



flame

Flammable Liquids 2

H225 Highly flammable liquid and vapour.



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

Signal Word Danger**Hazard Statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 to extinguish: CO2, powder or water spray.

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

P501 Dispose of contents/container in accordance with local/regional/national regulations.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE

(Contd. of page 1)

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

| | | |
|----------------|---|--------|
| CAS: 64-17-5 | Ethanol | 80% |
| | ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319 | |
| CAS: 56-81-5 | Glycerol | 1.45% |
| CAS: 7722-84-1 | Hydrogen peroxide solution | 0.125% |
| | ⚠ Oxidising Liquids 1, H271; ⚠ Skin Corrosion/Irritation 1A, H314; Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Inhalation) 4, H332; STOT SE 3, H335 | |

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin irritation, immediately discontinue use and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact: Flush with water for 15 minutes if condition worsens or irritation persists seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause drowsiness and dizziness.

Skin Contact: No adverse health effects expected.

Eye Contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is highly flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE

(Contd. of page 2)

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Small spills can be wiped up with clean cloth or paper towel. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye contact and inhalation of vapours. Take precautionary measures against static discharge. Empty containers may retain product residue. Do not reuse containers. Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 64-17-5 Ethanol**WES TWA: 1880 mg/m³, 1000 ppm**CAS: 56-81-5 Glycerol**WES TWA: 10 mg/m³**CAS: 7722-84-1 Hydrogen peroxide solution**WES TWA: 1.4 mg/m³, 1 ppm**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection: Skin protection is not required under normal use conditions.

Eye and Face Protection: Eye protection is not required under normal use conditions.

9 Physical and Chemical Properties

Appearance:**Form:**

Spray

Colour:

Clear

Odour:

Alcohol odour

Odour Threshold:

No information available

pH-Value:

No information available

Melting point/freezing point:

No information available

Initial Boiling Point/Boiling Range:

~78 °C

Flash Point:

Not determined

Flammability:

Highly flammable.

Auto-ignition Temperature:

No information available

Decomposition Temperature:

No information available

Explosion Limits:**Lower:**

3.5 %

Upper:

19 %

Vapour Pressure:

No information available

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE

(Contd. of page 3)

| | |
|---|--------------------------|
| Density: | 0.8 g/cm ³ |
| Vapour Density: | No information available |
| Evaporation Rate: | No information available |
| Solubility in Water: | 100 % |
| Partition Coefficient (n-octanol/water): | No information available |
| Viscosity: | No information available |

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** Strong oxidising agents.**Hazardous Decomposition Products:** Oxides of carbon.

11 Toxicological Information

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 64-17-5 Ethanol**

| | | |
|------------|-----------------------|-------------------|
| Oral | LD ₅₀ | 7,060 mg/kg (rat) |
| Inhalation | LC ₅₀ /4 h | 20,000 mg/l (rat) |

CAS: 56-81-5 Glycerol

| | | |
|------|------------------|--------------------|
| Oral | LD ₅₀ | 12,600 mg/kg (rat) |
|------|------------------|--------------------|

CAS: 7722-84-1 Hydrogen peroxide solution

| | | |
|------------|-----------------------|-------------------------------------|
| Oral | LD ₅₀ | 2,000 mg/kg (mouse) |
| Dermal | LD ₅₀ | 1,200 mg/kg (mouse) |
| Inhalation | LC ₅₀ /4 h | 2,000 mg/m ³ (rat) |
| | LD ₅₀ | 880 mg/kg (mouse) (Intraperitoneal) |
| | | 620 mg/kg (rat) (Subcutaneous) |
| | | 15,000 mg/kg (rabbit) (Intravenous) |

Acute Health Effects**Inhalation:** May cause drowsiness and dizziness.**Skin:** No adverse health effects expected.**Eye:** Causes serious eye irritation.**Ingestion:** May be harmful if swallowed.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Hydrogen peroxide is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE

(Contd. of page 4)

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 64-17-5 Ethanol**

| | |
|------------------------|---------------------------------------|
| EC ₅₀ /48 h | 9,268-14,221 mg/l (daphnia) |
| | >100 mg/l (selenastrum capricornutum) |
| EC ₅₀ /72 h | 275 mg/l (algae) |
| LC ₅₀ /96 h | >100 mg/l (fathead minnow) |
| | 12-16 mg/l (rainbow trout) |
| LC ₅₀ /48 h | >100 mg/l (golden orfe) |

Persistence and Degradability: No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

| | |
|------------------------------|-------------------------|
| UN Number | |
| ADG, IMDG, IATA | UN1170 |
| Proper Shipping Name | |
| ADG, IMDG | ETHANOL (ETHYL ALCOHOL) |
| IATA | ETHANOL |
| Dangerous Goods Class | |
| ADG Class: | 3 Flammable liquids. |
| Packing Group: | |
| ADG, IMDG, IATA | II |
| EMS Number: | F-E,S-D |
| Hazchem Code: | •2YE |

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 02.04.2020

Revision: 02.04.2020

Product Name: HND SNTZR HOSPITAL GRADE 80% ALCOHOL + HYDROGEN PEROXIDE

(Contd. of page 5)

| | |
|---|-------------|
| Special Provisions: | 144 |
| Limited Quantities: | 1L |
| Packagings & IBCs - Packing Instruction: | P001, IBC02 |
| Portable Tanks & Bulk Containers - Instructions: | T4 |
| Portable Tanks & Bulk Containers - Special Provisions: | TP1 |

15 Regulatory Information

Australian Inventory of Chemical Substances:

| | |
|----------------|----------------------------|
| CAS: 64-17-5 | Ethanol |
| CAS: 56-81-5 | Glycerol |
| CAS: 7722-84-1 | Hydrogen peroxide solution |
| CAS: 7732-18-5 | Water |

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 02.04.2020**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au

Abbreviations and acronyms:

ADG: Australian Dangerous Goods
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC₅₀: Lethal concentration, 50 percent
 LD₅₀: Lethal dose, 50 percent
 IARC: International Agency for Research on Cancer
 STEL: Short Term Exposure Limit
 TWA: Time Weighted Average
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
 Flammable Liquids 2: Flammable liquids – Category 2
 Oxidising Liquids 1: Oxidising liquids, Hazard Category 1
 Acute Toxicity (Oral) 4: Acute toxicity – Category 4
 Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A
 Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Hi-Craft Group makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.