

HS2020 SAFETY DATA SHEET

Product Name: HS2020 Hand Sanitiser

Classified as hazardous according to criteria WHS regulations 2011

1.0 IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product Name: **HS2020 Hand Sanitiser**
 Application: **Ethyl alcohol based hand sanitiser**
 Company Details: **Beacon Products**
 Telephone: **+ 61 (2) 8204 4800**
 Emergency Contact: **1800 127 406 or 000**



2.0 HAZARDOUS IDENTIFICATION

Dangerous Goods: Classified Dangerous Goods according to ADG Code
 Hazardous Substances: Classified Hazardous according to WHS Regulations
 Hazardous Category: Flammable Liquid Category 3
 Other Information: If SWALLOWED: Call a POISON CENTRE or a doctor.

GHS Classification

HAZARD	CATEGORY	TYPE
Flammable Liquid	3	Physical
Acute Toxicity Oral	4	Health
Acute Toxicity Dermal	4	
Acute Toxicity Inhalation	4	
Eye Irritation	2A	

GHS Label Elements

SIGNAL WORD	DANGER	TYPE
Pictogram	GHS02	 
	GHS07	

Hazard Statements

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

Precautionary Statements

CODE	PREVENTION
P102	Keep out of reach of children
P103	Read label before use
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
P261	Avoid breathing dust, fume, gas, mist, vapours or spray

P270	Don't eat, drink, or smoke when using the product
P280	Avoid contact with eyes. Wear eye protection/ face protection

CODE	RESPONSE
P305+351+338+337	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do so – continue rinsing. If eye irritation persists get medical advice
P370+P378	IN CASE OF FIRE: Use dry sand, dry chemical or alcohol resistant foam for extinction

CODE	STORAGE
P403	Store in a well-ventilated place
P235	Keep cool

CODE	DISPOSAL
P391	Collect spillage
P501	Dispose of in accordance with the local regulations

3.0 COMPOSITION

General information on ingredients

Mixture based on ethyl alcohol

Ingredient Name	CAS No	%
Ethyl alcohol	64-17-5	>65%
Non-hazardous gel	Proprietary	<1%
Glycerine	56-81-5	<1%
Other ingredients	Various	<1%
Water	7732-18-5	To 100

4.0 FIRST AID MEASURES

General Information:	For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766 or a doctor. Provide the SDS to the doctor in attendance Notes to doctors All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to the materials other than this product may have occurred.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor, if needed.
Skin:	Skin irritation is unlikely. However, if irritation does occur, wash the skin with warm water gently for 5 minutes. Call a POISON CENTRE or a doctor, if needed
Ingestion:	Do not induce vomiting without medical advice. Do not induce vomiting or give anything by mouth to an unconscious person.

Seek immediate medical attention. Do not leave victim unattended.
 To prevent aspiration of swallowed product, lay victim on side with head lower than waist.
 If victim is conscious, wash mouth with water and give some water to drink to further dilute the chemical

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
 Continue rinsing. If irritation persists, call a POISON CENTRE or doctor.

5.0 FIRE FIGHTING MEASURES

Extinguishing Media: Use dry chemical, CO2, or alcohol resistant foam suitable for solvent / alcohol based fires.

Specific Hazards: If large quantity of the material is involved in a fire, firefighters should take appropriate precautions. Avoid any explosion. Any explosion may spread the fire to surrounding materials. Water sprays may be used to cool the drums involved in a fire, to reduce the chance of explosion.

Advice to Firefighter: Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so remove undamaged containers from the fire area.

Hazchem Code: •3Y[E]

6.0 ACCIDENTAL RELEASE MEASURES

Spills and disposals: Avoid sources of ignition. Wear suitable protective clothing to minimise exposure. Avoid breathing vapours, mist or fumes. Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire. If safe to do so, remove undamaged containers from fire area. Limit exposure using inert absorbent material such as sand, then collect in plastic containers. Alert local authorities if large spills cannot be contained. Dispose of residues to approved land fill in accordance with local regulations. Do not allow residues to enter storm water drains. Clean area using detergent and water to avoid slippery residues.

7.0 HANDLING AND STORAGE

Handling: Avoid contact with eyes, and maintain a good standard of personal hygiene i.e. washing hands prior to eating, drinking or going to the toilet. Keep container closed and bung in place when not in use.

Storage: Keep containers closed when not in use and securely sorted to avoid physical damage. Always store away from possible sources of ignition or areas of high temperature. Inspect containers regularly for deficiencies such as damage or leaks.

8.0 EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits: National Exposure Standard

Chemical	(TWA) (mg/m ³)	TWA (ppm)
Ethanol up to 80%	1880	1000

Respiratory Protection: Not necessary for general use of the product. Ensure adequate ventilation, especially in confined areas.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Engineering Controls: Not required for general use other than good natural ventilation. For confined space, make sure forced ventilation as applied.

Other Information: Prevent spills from entering natural waterways.

9.0 PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	See-through viscous liquid gel
Odour	Alcohol
Boiling Point	Approximately 80 °C at 100kPa.
PH	7.0-8.0
Solubility in Water	Partially soluble
Specific Gravity	< 1 @ 20 °C
Physical State	Liquid gel
Flash Point	> 23 °C
Flammability	Flammable
Flammability Limit LEL	19%
Flammability Limit UEL	3.30%

10.0 STABILITY AND REACTIVITY	
Stability:	Stable under normal storage conditions
Hazardous Polymerisation:	Will not occur under normal condition
Materials to Avoid:	Oxidizing agents (Chlorine, peroxide, etc.). Strong alkalines
Hazardous Decompositions:	Possible carbon mono and dioxides
Hazardous Reactions:	No data available

11.0 TOXICOLOGICAL INFORMATION	
Toxicological Information:	Not available for this product for the ingredients listed; Ethanol Acute LD50 (oral rat) =7060 mg/kg Human LD50: 2000 mg/kg (oral, human)
Inhalation:	May cause respiratory irritation and possible drowsiness.
Ingestion:	Moderate quantities of concentrate may cause irritation. Ingestions are rarely lethal. Potential symptoms include: nausea, diarrhoea, abdominal pain and vomiting.
Skin:	Not known as a skin irritant, but may cause irritation in people with sensitive skin as a result of prolonged contact with the product.
Eye:	Strong eye irritant. May cause eye soreness on prolonged contact, which is usually transient and reversed by irrigation with water.
Sensitising Effects:	Not Known. Not expected to be a sensitiser
Chronic Effects:	No known adverse effects.

12.0 ECOLOGICAL INFORMATION	
Eco Toxicity:	No information is available for the product.
Aquatic Toxicity:	Not harmful to aquatic life.
Biodegradability:	Readily biodegradable.
Bioaccumulation:	No Data available, but not expected to bio-accumulate.

13.0 DISPOSAL CONSIDERATIONS

General:	Dispose of waste according to federal, E.P.A., state and local regulations, for flammable goods. Assure conformity with all applicable regulators.
Containers:	Before disposing of empty containers, ensure contents are washed out and collected. Do not dispose of unwashed containers.

14.0 TRANSPORT INFORMATION

Road and Rail Transport:	Classified as dangerous goods according to the ADG code Proper shipping name: Ethyl alcohol solution UN Number: 1170 Class: 3 Packaging Group: III Hazchem Code: •3Y[E]
Marine Transport:	Classified as Dangerous Goods by the criteria of the Maritime Dangerous Goods Code (IMDG Code) for transport by sea. Proper shipping name: Ethyl alcohol solution UN Number: 1170 Class: 3 Packaging Group: III Hazchem Code: •3Y[E]
Air Transport:	Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Proper shipping name: Ethyl alcohol solution UN Number: 1170 Class: 3 Packaging Group: III Hazchem Code: •3Y[E]

15.0 REGULATORY INFORMATION

POISON SCHEDULE	S5
AICS (Australia)	All ingredients are listed in or exempt from the Australian Inventory of Chemical Substances (AISC)

16.0 OTHER INFORMATION

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Additionally, as conditions of use are beyond our control, no guarantee is given for the accuracy of information. The supplier is not responsible for any modification, alternations or any unauthorised use.

Contact Person/Point: Beacon Products / Manager +61 (2) 8204 4800

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