

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Hand Sanitiser BNS

Synonyms:

Use: Used for sanitising hands and hard surfaces.

Supplier: Bio Natural Solutions

ABN: 38 132 198 853

Street Address: 15/53-55 Garden Drive Tullamarine VIC 3043

Telephone Number: (03) 93386722

Emergency Telephone: Thomas Weston (03) 93386722 (Business Hours)
0455887683 (After Hours)

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition

Hazard Category: None allocated
Hazard Classification: NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS
Risk Phrases: None allocated
Safety Phrases: None allocated

Poison Schedule (Australia): None allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Glycerine	56-81-5	Less than 10%	
Quarternary Ammonium Chloride	-	Less than 10%	
Thickener	-	Less than 10%	
Water	7732-18-5	To 100%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Give artificial respiration if breathing stops.

Skin Contact: Remove contaminated clothing and wash skin with plenty of soap and water.

Eye Contact: Immediately hold eyes open and flood with water for at least 15 minutes. Eyelids are to be held open. Get medical attention

Ingestion: rinse mouth with water. If a minor amount has been accidentally swallowed then if conscious, give large amounts of water to drink. Do not induce vomiting. Consider inducing vomiting only under medical supervision. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical assistance.

Medical advice: For advice, contact Poisons Information Centre, phone 131126, or call a doctor.

Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: No specific hazards

Firefighting advice: For fires in enclosed areas fire fighters must wear self contained breathing apparatus. Overheating of containers may cause rupture. Use water to cool fire exposed containers. Vapour/air mixture may ignite explosively.

Suitable Extinguishing Media: Foam, Dry Chemical, CO₂, Water Fog.

Hazchem Code: N/A

Flammability: Non Flammable

6. ACCIDENTAL RELEASE MEASURES

Shut off all possible sources of ignition. Increase ventilation. Consider using water spray to disperse any vapour formed. Clear area of all unprotected personnel. Warn occupants downwind. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand, soil – prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

If contamination of sewers or waterways has occurred advise the necessary authorities. NOTE: Addition of large amounts of water (at least 10 times) can convert spills to non-flammable solutions.

7. HANDLING AND STORAGE

Handling advice: Use in well ventilated areas away from ignition sources. Only use equipment that is intrinsically safe for use with flammable liquids and vapours. Containers must be earthed



when agitating or transferring to dissipate any static electrical charging that may occur. Keep containers closed when not in use.

Storage advice: Store in a cool, well ventilated area, out of direct sunlight and away from heat and ignition sources. Store away from oxidising agents, concentrated nitric acid and concentrated sulphuric acid.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: Time Weighted Average (TWA) for ethanol is 1000 ppm, or 1880 mg/m³.

Engineering Controls: Ensure ventilation is adequate to maintain air concentrations below exposure standards. Local exhaust ventilation is recommended where vapours are likely to be generated.

Personal Protection Equipment: Avoid eye contact and repeated or prolonged skin contact. The use of gloves and safety glasses is recommended. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other equipment before storage.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless, mobile liquid, with a slight sharp smell.

Boiling Point: N/A

Melting Point: N/A

Flash Point: Non flammable

Vapour Pressure: 58 Mbar at 20°C

Vapour Density (Air = 1): 1.59

Flammability Limits: Not known

Specific Gravity: 0.8 at 20°C

pH (neat): 6.0 – 8.0

Solubility in water: Soluble in all proportions

Corrosiveness: Non-corrosive

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

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11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: Significant absorption can result in central nervous system and result in central nervous system depression with symptoms of excitation, euphoria, headache, dizziness, blurred vision, fatigue and nausea. Large doses may cause unconsciousness.

Eye: May injure tissue, moderately irritating causing redness.

Skin: Unlikely to cause skin irritation following brief or occasional contact; however, repeated or prolonged contact may cause skin irritation and may lead to dermatitis. Will have a degreasing action on the skin. Repeated exposure may cause skin dryness and cracking.

Inhaled: Vapour may irritate the mucous membranes and respiratory tract. Vapours can affect the central nervous system and result in headaches, dizziness and possible nausea. High concentrations of vapours, if exposure is prolonged, may cause loss of co-ordination, impaired judgement and unconsciousness.

Chronic: Repeated or prolonged exposure by inhalation or ingestion can result in liver damage. Chronic exposure to Ethanol may cause degenerative changes in the gastrointestinal tract, kidneys and heart muscle.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: N/A

Proper Shipping Name: Hand Sanitiser BNS

Dangerous Goods Class: N/A **Subsidiary**

risk: Not Applicable

Packing Group: N/A

Hazchem Code: N/A

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Road and Rail Transport: Classified as Non Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail. This product must not be loaded or packed with any oxidising agents or other dangerous goods codes.

15. REGULATORY INFORMATION

Not classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition

Poisons Schedule: Not applicable.

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since Bio Natural Solutions cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

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Issue Date: April, 2020