



Sanitizing Hand Cleaner

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Sanitizing Hand Cleaner
Product Code	SHC 20, SHC 1, SHC 5
Uses	Hand sanitizer
Supplier name	Advanced Autologic Pty Ltd
Address	PO Box 205 Byford WA, 6122
Telephone	(08) 9526 2678
Email	sales@automotivetreatments.com
Emergency	(08) 9525 2678 (All Hours)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Hazardous

GHS Label elements

Signal word Danger

Pictogram



Precautionary statements

Hazard Category Flammable – category 2, Eye irritation – category 2

Hazard Statement H225 – flammable liquid and vapour

H319 – causes serious eye irritation

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substances / Mixtures

Ingredient	CAS Number	Content
Ethanol	64-17-5	>70%
Quaternary Ammonium Compounds	63449-41-2	<10%
Nonionic Surfactants		<10%
Fragrance		<10%
Water		To 100%

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous substances as defined by the NOHSC Code 1008 are listed by CAS No. Other major ingredients that are determined to be non-hazardous are listed without a CAS No.

4. FIRST AID MEASURES

Description of first aid measures

Eye	Wash continuously with water for 15 minutes. Seek medical attention.
Inhalation	If inhaled move to fresh air and get medical attention if symptoms occur.
Skin	Remove contaminated clothing and wash skin thoroughly with soapy water. Seek Medical attention if irritation develops.
Ingestion	If poisoning occurs contact a doctor or Poisons Information Centre. Phone 13 1126. Do NOT induce vomiting. Seek medical attention.
First aid facilities	Eye wash and deluge shower facilities.

Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media

Use foam, carbon dioxide or dry chemical fire extinguisher. Keep adjacent containers cool by spraying with water.

Special hazards arising from the substance or mixture

Highly flammable liquid. In a fire or if heated, a pressure increase will occur, and the container may burst.

Advice for firefighters

Combustion decomposition products of carbon dioxide and carbon monoxide may be evolved. Use breathing apparatus.

Hazchem code 3YE – flammable liquid

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Shut off all possible sources of ignition. Remove any naked lights and strong heat sources. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

Environmental precautions

Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

Methods of cleaning up

For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, seal-able container for product recovery or safe disposal. For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste.

7. HANDLING AND STORAGE

Precautions for safe handling

Put on appropriate personal protective clothing. Avoid breathing vapours or contact with material.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated, fire-proof area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Control parameters

Exposure standards not available

Environmental controls maintain a well-ventilated area. Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

Engineering controls All activities involving chemicals should be assessed for their risks to health. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Exposure controls

Individual Protection Measures (PPE)

Eye and Face Wear splash-proof goggles.

Hands Wear neoprene or nitrile rubber gloves.

Body When using large quantities or where heavy contamination is likely, wear coveralls and chemical resistant rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Auto-ignition temperature	No data available
Appearance	Clear Liquid	Decomposition temperature	Not available
Colour	yellow	pH	neutral
Odour	characteristic	Kinematic viscosity	No data available
Melting point	not available	Solubility	soluble
Boiling point	78.3 °C	Partial coefficient	No data available
Flammability	Flammable	Vapour pressure	not available
Flammability limit	3.5-19	Relative density	No data available
Flash point	17°C		

10. STABILITY AND REACTIVITY

Reactivity	avoid contact with oxidizers and combustibles
Chemical stability	stable
Possibility of hazardous reactions	no data available
Conditions to avoid	avoid heat, sparks, open flames and other ignition sources
Incompatible materials	no data available
Hazardous decomposition products	no data available

11. TOXICOLOGICAL INFORMATION**Information on toxicological effects**

Information of likely routes of exposure Routes of entry – dermal, inhalation

Potential acute health effects

Eye contact	may injure eye
Inhalation	may cause headache and dizziness
Skin contact	none
Ingestion	Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	Adverse symptoms may include the following: pain or irritation watering redness.
Inhalation	Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness.
Skin contact	Adverse symptoms may include the following: irritation redness.
Ingestion	Adverse symptoms may include the following: nausea or vomiting.

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

Eye contact	Vapour, mist or fume may cause eye irritation. Exposure to vapour, mist or fume may cause stinging, redness and watering of the eyes.
Inhalation	Vapour, mist or fume may irritate the nose, mouth and respiratory tract.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.

Ingestion	If swallowed, may irritate the mouth, throat and digestive system. If swallowed, may cause abdominal pain, stomach cramps, nausea, vomiting, diarrhoea, dizziness and drowsiness
General	No known significant effects or critical hazards
Carcinogenicity	Suspected of causing cancer depending on level of exposure
Mutagenicity	No known significant effects or critical hazards

12. ECOLOGICAL INFORMATION

Ecotoxicity	do not dispose of in the environment
Persistence and degradability	not available
Bioaccumulate potential	not available
Mobility in soil	not available
Other adverse effects	not available

13. DISPOSAL CONSIDERATIONS

Disposal methods	Recycle unwanted product or dispose via a waste management contractor.
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

	Land Transport
UN Number	UN1170
Proper Shipping Name	Hand Sanitizer
Transport hazard class	
Packaging group	11
Environmental Hazards	Liquids – Highly flammable
Special Precautions	Hazchem code 2

Safety, health and environmental regulations

Poison schedule	S5
Classifications	no data available
Inventory listings	no data available

16. OTHER INFORMATION

Prepared By	Joanne Williams	
Date of Previous Issue	December 2023	Changes Made Complete GHS review.
Contact Person	24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26	
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END OF SAFETY DATA SHEET