CLEAN PLUS Chemicals

SAFETY DATA SHEET

Product Name **Clean Plus Instant Hand Sanitiser**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	**CLEAN PLUS CHEMICALS PTY LTD**
Address	16 George Young Street AUBURN NSW 2144
Telephone	02 9738 7444
Fax	02 9644 1777
Emergency	1800 201 700
Email	info@cleanplus.com.au
Web Site	www.cleanplus.com.au
Synonym(s)	HAND WASH SANITISING GEL• PRODUCT CODE – 364
Use(s)	SANITISING HAND GEL (DO NOT NEED TO RINSE WITH WATER)
SDS Date	24 February 2010 v1
	4 July 2012 v2

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA

RISK PHRASES

R10 Flammable

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children

S7 Keep container tightly closed

S16 Keep away from sources of ignition

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)

CLASSIFIED AS A DANDEROUS BY THE CRITERIA OF THE ADG CODE

UN No.	1170	**DG Class**	3	**Subsidiary Risk(s)**	None Allocated
Packing Group	II	**Hazchem Code**	2Y	**EPG**	None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
DENATURED ETHANOL	Not Available	67-63-0	>60%
2-Hydroxy-4.4 TRICHLORDIPHENYL ETHER	Not Available	3380-34-5	<1%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Skin Not applicable, this product is intended to be in contact with human skin.

Inhalation Remove from source of exposure to fresh air. Seek medical assistance if the effects persists.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Flammable. Avoid all ignition sources. Keep away from heat, naked flames or sparks and oxidising agents.

Fire and Explosion This product is flammable due to the alcohol content. Wear self contained breathing apparatus to minimize risk of exposure to vapour or products of combustion.

Extinguishing Water fog or foam, carbon dioxide or dry chemical powder. Prevent contamination of drains or waterways.

Hazchem Code 2[Y] E

6. ACCIDENTAL RELEASE MEASURES

Spillage Absorb spilled material with a non-flammable absorbent such as vermiculite. Use clean, nonaparking tools to collect and seal in properly labeled drums for disposal in an area approved by local authority. Keep away from heat naked flames or sparks.

7. STORAGE AND HANDLING

Storage This product is intended for human use. Avoid assembling dispensers at eye level. Store away from dangerous chemicals. Store below 30°C.

Handling Keep container closed at all times, check regularly for leaks or spillage. Transport and store upright.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds

Ingredient	Reference	TWA		STEL	
Ethanol	ASSCC(AUS)	1000 ppm	1880 mg/m^3	-	-

Biological Limits No biological limit allocated.

Engineering Controls Ensure ventilation is adequate to maintain air concentrations below Exposure Standards.

PPE Under normal use conditions, this product is applied to the skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR GREEN GEL	**Solubility (Water)**	SOLUBLE
Odour	N/A	**Specific Gravity**	0.86 – 0.88
Ph	6.5 – 8.0	**Volatiles**	66%
Vapour Pressure	NOT AVAILABLE	**Flammability**	FLAMMABLE
Vapour Density	NOT AVAILABLE	**Flash Point**	18°C (CLOSED CUP)

Boiling Point	>78°C (Approximately)	**Upper Explosion Limit**	NOT RELEVANT
Melting Point	NOT AVAILABLE	**Lower Explosion Limit**	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid Compatible with most commonly used materials. Incompatible with strong oxidising agent, organic peroxides and acids .

Decomposition May evolve toxic gases if heated to decomposition.

Hazardous Reactions Explosive air- vapour mixture may form.

11. TOXICOLOGICAL INFORMATION

Health Hazard Low irritant - low toxicity. No adverse health effects are anticipated with normal use of this product.

Eye Mild irritant. Prolonged contact with eye may cause some discomfort and reddening of the eyes.

Inhalation Vapours, mists and sprays are capable of causing irritation to the mucous membrane and respiratory tract. High concentrations may result in headaches, nausea, vomiting and unconsciousness.

Skin Not applicable, this product is intended to be in contact with human skin.

Ingestion Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

Toxicity Data ETHANOL (64-17-5)
LC50 (Inhalation): 20000 ppm/10hours (rat)
LCLo (Inhalation): 21900 (guinea pig)
LD50 (Ingestion): 3450 mg/kg (mouse)
LD50 (Intraperitoneal):3600 ug/kg (rat)
LD50 (Intravenous): 1440 mg/kg (rat)
LD50 (Subcutaneous): 8285 mg/kg (mouse)
LDLo (Ingestion): 1400 mg/kg (human)
LDLo (Intraperitoneal): 3000 mg.kg (dog)
LDLo (Intravenous): 1600 mg/kg (dog)
LDLo (Skin): 20 g/kg (rabbit)
LDLo (Subcutaneous): 19440 (infant)
TCLo (Inhalation): 20000 ppm/7 hours (1-22 days pregnant rat – reproductive)
TDLo (Ingestion): 50 mg/kg (Human)

12. ECOLOGICAL INFORMATION

Environment Avoid contaminating waterways.

Persistence/ Degradability This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOODSS BY THE CRITERIA OF THE ADG CODE

Shipping Name ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

UN No.	1170	**DG Class**	3	**Subsidiary Risk(s)**	None Allocated
Packing Group	II	**Hazchem Code**	2Y	**EPG**	None Allocated

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m3 - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

End of Report

Prepared By

Clean Plus Chemicals Pty Ltd | 16 George Young St AUBURN NSW 2144 | Tel: 02 9738 7444 | Fax: 02 9644 1777
Email: info@cleanplus.com.au | Web: www.cleanplus.com.au