CLEAN PLUS Chemicals

SAFETY DATA SHEET

Product Name **ORANGE FRESH**

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)	SPRAY & WIPE CLEANER • PRODUCT CODE – 842
Use(s)	SPRAY & WIPE MULTI PURPOSE CLEANER
SDS Date	27 MAY 2011 v0
	5 July 2012 v1

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA

CLASSIFICATION: **Xi; IRRITANT**

RISK PHRASES: **R43** May cause sensitization by skin contact.

SAFETY PHRASES: **S2** Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

S36/37 Wear suitable protective clothing and gloves.

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

UN No.	None Allocated	**DG Class**	None Allocated	**Subsidiary Risk(s)**	None Allocated
Packing Group	None Allocated	**Hazchem Code**	None Allocated	**EPG**	None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
WATER	7732-18-5	50 – 60%
ETHANOL	64-17-5	1 – 10%
D'LIMONENE	5989-27-5	1 – 10%
ORANGE OIL	68647-72-3	0 – 1%
NON HAZARDOUS INGREDIENTS	Not available	Remainder

4. FIRST AID MEASURES

Eye	If in eyes, immediately flush the eye with water for 15 minutes, hold eyelids open and remove contact lenses if present. Seek medical advice.
Skin	If skin contact occurs, remove contaminated clothing and wash off with plenty of water. If irritation persists seek medical advice.
Inhalation	Remove victim from exposure to fresh air. If not breathing apply artificial respiration. If breathing is difficult give oxygen and seek medical attention.
Ingestion	Do not induce vomiting, give a glass of water to drink. Never give anything by mouth to a unconscious person. Seek medical advice. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability	Non flammable.
Fire and Explosion	Non flammable. No fire or explosion hazard exists.
Extinguishing	Non flammable. Prevent contamination of drains or waterways.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution: surfaces may be slippery.

7. STORAGE AND HANDLING

Storage	Store in cool, dry, well ventilated area, removed from acids and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
Handling	Avoid contact with eyes and skin. Wash hands thoroughly after handling. Do not breathe fumes, vapour or mist.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	No exposure standard(s) allocated for this product. The exposure standard for 2-butoxethanol TWA 20ppm (96.9mg/m^3) STEL 50ppm (242mg/m^3). Absorption through skin may be a significant source of exposure.
Biological Limits	No biological limit allocated.
Engineering Controls	Ensure adequate natural ventilation.
PPE	Wear splash-proof goggles and PVC or rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	**ORANGE** LIQUID	**Solubility (Water)**	SOLUBLE
Odour	ORANGE	**Specific Gravity**	1.00 - 1.03
Ph	9.5 – 10.0	**Volatiles**	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	**Flammability**	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	**Flash Point**	NOT RELEVANT

Boiling Point	NOT AVAILABLE	**Upper Explosion Limit**	NOT RELEVANT
Melting Point	< 0^0 C Water	**Lower Explosion Limit**	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Do not store in aluminum containers.

Material to Avoid Avoid strong acids. Do not store in aluminum containers.

Decomposition May evolve toxic gas if heated to decomposition.

Hazardous Reactions Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard May be mildly toxic. No adverse health effects are anticipated with normal use of this product.

Eye Due to product form and nature of use, an eye hazard is not anticipated. However, direct contact may result in irritation, lacrimation and conjunctivitis.

Inhalation May be mildly toxic.

Skin May be mildly toxic.

Ingestion May be mildly toxic.

Toxicity Data 2-butoxyethanol Oral LD50 Rat:470mg/kg. Skin LD50 Rabbit: 220mg/kg. Inhaled LC50 Rat; 221mg/m^3 (4 hours).

12. ECOLOGICAL INFORMATION

Environment Avoid contaminating drains and waterways. Not expected to bioaccumulate.

Persistence/ Degradability This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal CAUTION: Keep spills and cleaning runoff out of storm-water drains and open bodies of water. 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

NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated				
UN No.	None allocated	**DG Class**	None Allocated	**Subsidiary Risk(s)**	None Allocated
Packing Group	None Allocated	**Hazchem Code**	None Allocated	**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 Clean Plus Chemicals 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 Clean Plus Chemicals 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

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