

Product Name **ODOUR FRESH**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **CLEAN PLUS DETERGENTS PTY LTD**
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Synonym(s) URINAL / DEODORANT BLOCKS • PRODUCT CODE – 750

Use(s) Air freshener, toilet freshener and deodorant blocks.

MSDS Date 27 August 2010 v1

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA**RISK PHRASES**

R36 Irritating to eyes.
R40 Limited evidence of a carcinogenic effect
R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children
S36/37 Wear suitable protective clothing and gloves
S24/25 Avoid contact with skin and eyes.

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

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
1,4-DICHLOROBENZENE	106-46-7	>90%
NON HAZARDOUS INGREDIENTS	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	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
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	Non flammable. May evolve toxic gases if strongly heated.
Fire and Explosion	Non flammable. No fire or explosion hazards exists.
Extinguishing	Water fog, foam, CO2 will solidify product
Hazchem Code	Not allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	Material can be recovered and or reprocessed. Solid below 50 deg C. Collect solid and consult local authority on disposal.
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7. STORAGE AND HANDLING

Storage & handling	Store in plastic or metal containers in a clean, dry, cool, well ventilated place out of direct sunlight and away from incompatible substances, naked flames, sources of heat or ignition, or foodstuffs. Keep container sealed when not in use. Wear appropriate personal protective equipment whilst handling this product.
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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	1,4-Dichlorobenzene - 300 mg/m3 (STEL), 50 ppm (STEL), 150 mg/m3 (TWA), 25 ppm (TWA)
Biological Limits	No biological limit allocated.
Engineering Controls	Do not inhale dust. Ensure adequate natural ventilation.
PPE	Wear dust-proof goggles and PVC or rubber gloves and coveralls. Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	WHITE CRYSTALLINE SOLID	Autoignition Temperature	560 °C
Odour	LAVENDER FRAGRANCE	Specific Gravity	1.248 @ 55°C
Ph	NOT RELEVANT	Volatiles %	100
Vapour Pressure	1.027 hPa @ 25°C	Flammability	UNKNOWN
Vapour Density	NOT AVAILABLE	Flash Point	67 °C
Boiling Point	174 °C	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 Incompatible with oxidizing agents (eg. Hypochlorites, peroxides) and acids (e.g. nitric acid), heat and ignition sources.

Decomposition During combustion, this product may produce Hydrogen Chloride and Phosgene as well as Carbon Monoxide and other unidentifiable organic compounds.

Hazardous Reactions Will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Acute. This product has the potential to cause adverse health effects with direct eye or skin contact

Eye Acute - Severe irritant. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis. May result in burns with prolonged contact.

Inhalation Low acute inhalation toxicity. Over exposure at high levels may cause headache, dizziness, nausea, vomiting and breathing difficulties.

Skin Low acute. Contact may result in irritation, redness, itching, pain, dermatitis and burns.

Ingestion Acute. Ingestion may result in burns to the mouth and throat, nausea, vomiting, abdominal pain and ulceration.

Toxicity Data Acute (inhalation) LD50 (4hr) : LC50 > 5.07 mg/L (Rat)
Acute (oral) LD50 3863 – 3790 mg/kg bw (Rat)
Acute (dermal) LD50 > 6000 mg/kg (Rat)

12. ECOLOGICAL INFORMATION

Environment p-Dichlorobenzene is classified as a Marine Pollutant by the IMDG

13. DISPOSAL CONSIDERATIONS

Waste Disposal In the event of spillage, the substance should be contained and during clean-up operations, every effort should be made to ensure removal of the substances.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number 5(S5) has 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 CleanPlus Detergents 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 CleanPlus Detergents 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 Material Safety Data Sheet document has been compiled by CleanPlus Detergents. Further clarification regarding any aspect of this product should contact CleanPlus Detergents directly. While CleanPlus Detergents has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, CleanPlus Detergents 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 MSDS.

End of Report

Prepared By

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