

Infosafe No™ VAR5C Issue Date : January 2021 ISSUED by HUNTERST

Product Name **DEODORANT BUTTONS**

1. Identification

GHS Product Identifier DEODORANT BUTTONS

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 AUSTRALIA

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a deodorant and air freshener in washrooms, toilets and urinals. To destroy moths, silverfish and their larvae in wardrobes, linen chests and drawers.

2. Hazard Identification

GHS classification of the substance/mixture Carcinogenicity: Category 2
Eye Damage/Irritation: Category 2A
Hazardous to the Aquatic Environment - Acute Hazard: Category 1
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1

Signal Word (s) WARNING

Hazard Statement (s) H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Exclamation mark, Health hazard, Environment



Precautionary statement – Prevention P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.

Precautionary statement – Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage.

Precautionary statement – Storage P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	1,4-Dichlorobenzene	106-46-7	99%
	Other ingredients determined not to be hazardous	Not required	to 100%

4. First-aid measures

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Inhalation	Remove source of contamination or move victim to fresh air. Obtain medical attention immediately.
Ingestion	If swallowed, do NOT induce vomiting. Seek immediate medical attention.
Skin	Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical attention. Completely decontaminate clothing, shoes and leather goods before re-use or discard.
Eye contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes, by the clock, holding the eyelid(s) open. If irritation persists, obtain medical attention immediately.
Advice to Doctor	Product is p-dichorobenzene. Irritating to skin and eyes. Harmful if swallowed in large quantities. Contact Poisons Information Centre.
Other Information	Provide general supportive measures (comfort, warmth, rest). Consult a physician and/or the nearest Poison Control Centre for all exposures except minor instances of inhalation or skin contact.

5. Fire-fighting measures

Specific hazards arising from the chemical	FIRE EXTINGUISHING AGENTS Carbon dioxide, dry chemical, foam FIRE FIGHTING PROCEDURES Water is not generally suitable for fighting fires involving this material. Water spray can be used to absorb heat, keep containers cool, and protect exposed materials. COMBUSTION PRODUCTS Carbon dioxide, carbon monoxide, hydrogen chloride, and phosgene. Firefighters to wear breathing apparatus.
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6. Accidental release measures

Spills & Disposal	PRECAUTIONS Restrict access to area. Provide adequate protective equipment and ventilation. Remove sources of heat and flame. Only trained personnel should perform or supervise cleanup operations. CLEANUP Stop or reduce discharge if it can be done safely. Contain material. Material should be recovered if possible or collected on absorbent material such as sawdust, paper, sand, or clay. Prevent entry into water or sewer systems. Marine pollutant. DISPOSAL Review federal, state and local regulations prior to disposal. May be possible to dispose of in a designated landfill site or burn in an approved incinerator. Dispose of following requirements of state environmental authority. Keep away from heat, naked flame or sparks. Do not flush to drains or sewers. Do not contaminate stream, rivers or water courses. Inform local authority if liquid enters drains, sewers, streams etc.
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7. Handling and storage

Conditions for safe storage, including any incompatibilities	STORAGE CONDITIONS Store in tightly-closed containers in a cool, dry place, separate from normal work area and incompatible materials. Protect containers from damage or breakage. Containers should be covered when not in use and away from naked flames. HANDLING Use in minimal quantities, in designated areas with adequate ventilation. Wear appropriate protective equipment to prevent skin and eye contact.
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8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	1,4-Dichlorobenzene	661	110	451	75	
Other Exposure Information	(TLV-TWA) 25 ppm (150 mg/m3) SHORT-TERM EXP. LIMIT (TLV-STEL) 50 ppm (300 mg/m3), Worksafe Aust. SAMPLING & ANALYSIS DETECTOR TUBES: Short-term sampling GAS CHROMATOGRAPHY: Continuous monitoring. EXPOSURE CONTROL Note: Exposure to this material can be controlled in many ways. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. Use this general information to help develop specific control measures. Ensure that control systems are properly designed and maintained. Comply with occupational, environmental, fire, and other applicable regulations.					
Appropriate engineering controls	ENGINEERING CONTROLS Process enclosure or containment facility is normally required when used in large quantities. Supply sufficient replacement air to					

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make up for air removed by exhaust systems.

Personal Protective Equipment Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Normal Use:
 Eye/face protection
 Gloves, rubber or plastic.

Industrial Quantities:
 Positive pressure air-hood or full face respirator
 Face shield or safety glasses
 Gloves, rubber or plastic
 Plastic apron, sleeves and boots
 Impervious overalls.

Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Solid
Appearance	Blue crystals or blocks.
Odour	Characteristic odour.
Melting Point	53 deg C (127.4 deg F)
Boiling Point	173.4 deg C (344.1 deg F)
Solubility in Water	Insoluble
Solubility in Organic Solvents	Soluble in ethanol, benzene, ether, chloroform, carbon disulfide, and acetone.
Specific Gravity	(SG) 1.25 (water = 1)
Vapour Pressure	0.4 mm Hg @ 20 deg C
Vapour Density (Air=1)	5.07 (air = 1)
Flash Point	65.6 deg C (150 deg F) (closed cup)
Flammability	Combustible.
Auto-Ignition Temperature	412.8 deg C (775 deg F)
Explosion Properties	(LEL) 2.5% - (UEL) 16%
Other Information	Sublimes slowly at normal temperatures, faster as the temperature increases.

10. Stability and reactivity

Possibility of hazardous reactions STABILITY Normally stable to heat, light, air, water, acids and bases. INCOMPATIBILITY -MAT'LS TO AVOID Strong oxidizing agents - may increase risk of fire and explosion. HAZARDOUS POLYMERIZATION Does not occur. REACTIVITY COMMENTS Liquid p-dichlorobenzene may attack some forms of plastics (e.g., styrene acrylonitrile, acrylonitrile-butadiene-styrene), rubber and coatings. CORROSIVITY TO METALS Non-corrosive

11. Toxicological Information

Toxicology Information ANIMAL TOXICITY DATA LD50 (oral, rats): 500 mg/kg LD50 (oral, mice): 2,950 mg/kg LD50 (oral, rabbits): 2,812 mg/kg CHRONIC ORAL TOXICITY: Rats fed 376 mg/kg, 5 days per week for a total of 138 doses in 192 days, showed slight signs of toxicity (increase in liver weight and a slight increase in kidney weight). Rats fed 18.8 mg/kg body weight for the same time period showed no effects. Rabbits fed 0.5-1 g/kg body weight per day for 260 days had no abnormalities of the optic nerves or retina of the eyes. INHALATION: Rabbits, rats and guinea pigs exposed to 798 ppm, 5 days per week, 7 hours per day, for up to 69 exposures showed weakness, tremors, weight loss, eye irritation, and some became unconscious. Slight swelling of liver and kidneys occurred in some

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Ingestion	animals. More detailed information about the effects of chemicals on health can be obtained from Worksafe Australia. Unlikely to occur during occupational exposure.
Inhalation	Moderate exposure may cause severe headache, runny nose, and swelling of the eyes. These effects disappear within 24 hours after exposure has ceased.
Skin	Direct contact with the solid form may cause a burning sensation and slight irritation. Not absorbed through skin.
Eye	Vapour may cause eye irritation
Chronic Effects	HEALTH EFFECTS SKIN: Repeated or prolonged contact with concentrated vapours or solutions of 1,4-dichlorobenzene may cause skin irritation. Allergic reaction may develop and produce red blotching of skin. Prolonged exposure may result in loss of appetite, nausea, vomiting, weight loss, liver damage, lung damage, and yellowing of the skin. CARCINOGENICITY Cat.3 Carcinogen. Possible risk of irreversible effects. TERATOGENICITY AND EMBRYOTOXICITY No data MUTAGENICITY No data POTENTIAL FOR ACCUMULATION Absorbed into the body by inhalation or ingestion. Not absorbed through skin. Eliminated in the urine as dichlorophenol.

12. Ecological information

Information on Ecological Effects	May cause long-term adverse effects in the aquatic environment.
Known Harmful Effects on the Environment	Highly toxic to aquatic life.
Other Precautions	Marine Pollutant. CONTAIN. Clean up spill.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Contain - prevent contamination of drains and waterways. Avoid breathing dust or vapours and contact with skin and eyes. Collect and seal in properly labelled drums for disposal. Wear appropriate protective clothing.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Poisons Schedule	S5
Packaging & Labelling	As required by the Standard for the Uniform Scheduling of Drugs and Poisons.
AICS (Australia)	All components listed.

16. Other Information

Date of preparation or last revision of SDS	28/01/2021
Literature References	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals
Signature of Preparer/Data Service	Technical Manager 0407 610 542
Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)

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Other Information

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.

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