



SAFETY DATA SHEET	
CUSTOM CHEMICALS INTERNATIONAL	Product: DEODORANT BLOCKETTES - YELLOW
Date of Issue: AUGUST 2012	Page 1 of Total 7

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Custom Chemicals international Pty Ltd		
ADDRESS:	103-107 Potassium Street, Narangba 4504 Queensland Australia		
Trade Name:	DEODORANT BLOCKETTES – YELLOW		
TELEPHONE:	+617 3204 8300	FAX:	+617 3204 8311
AHEMERGENCY TELEPHONE:	13 1126 in Australia	ABN:	73 050 573 674
Substance:	Solid deodorant	Product Use:	Deodorant
Creation Date:	AUG 2012	Revision Date:	AUG 2017
Product Code:	0030020; 0050540[4KG], 0050541[9KG], 0050542[18KG], 0050543[160KG]		

SECTION 2 – HAZARDS IDENTIFICATION

- This product is classified as **HAZARDOUS (HARMFUL)** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **classified as a Scheduled Poison S5** according to the SUSMP.

Approved NOHSC Classification



Xn- HARMFUL, N – Dangerous to the environment.
 CARC. CAT 3
 R40- Limited evidence of a carcinogenic effect.
 R36 - Irritating to eyes.
 R50/53 - Very toxic to aquatic organisms- may cause long-term adverse effects in the aquatic environment.
 S2- Keep out of reach of children.
 S36/37 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
 S46- If swallowed, seek medical advice immediately and show this container or label.
 S60 - This material and its container must be disposed of as hazardous waste.
 S61 - Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

UN Number	None allocated	ADG Classification	None allocated
Shipping Name	None allocated	ADG Subsidiary Risk	None allocated
Hazchem Code	None allocated	Packing Group	None allocated
SUSMP Classification	S5 - CAUTION		

EMERGENCY OVERVIEW

Colour	Yellow	Odour	Fragrant odour
Physical Description	Cylindrical tablet	Viscosity	Solid

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
1,4-Dichlorobenzene	106-46-7	> 60% w/w	25ppm 150mg/m3	50ppm 300mg/m3
Ingredients determined to be non-hazardous	various	< 10% w/w	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.



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SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Inhalation	Remove person to fresh air - avoid exposure. Seek immediate medical advice (e.g. doctor).
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice if required (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. Administration of adrenalin may be contra indicated for over exposure to p-Dichlorobenzene.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Combustible. If involved in a fire will emit toxic fumes. When heated to decomposition, emits acrid smoke and irritating fumes.
Extinguishing Media	For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
Flash Point	65 °C (Closed Cup)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	HAZCHEM CODE: None allocated.
Occupational Release	For small spills, use appropriate tools to put spilled solid in a convenient waste disposal container. For large spills, clean-up personnel should wear full protective clothing including self-contained breathing apparatus. Avoid raising dusts. Remove all ignition sources. Carefully scoop up and place into appropriate sealable containers and hold for waste disposal. In the event of a major spill, prevent spillage from entering drains or water-courses. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
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Storage

Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Limits**

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

Time-weighted Average (TWA): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Short Term Exposure Limit (STEL): None established for specific product.

See **SECTION 3** for Exposure Limits of individual ingredients.

Biological Limit Value

None established for product.

Engineering Controls

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating dusts of the product. Use only in a well-ventilated area.

Personal Protective Equipment

Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection

Not generally required to handle discs in small quantities. The use of eye glasses, chemical goggles or a face shield is recommended to handle in quantity, clean up spills, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Skin Protection

Not generally required to handle discs in small quantities. Gloves are recommended to handle in quantity, clean up spills, etc. Overalls, apron, rubber boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Protective Material Types

Material suitable for alkaline detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

Respirator

Not required for typical use as an air freshener/deodorant.

For short elevated exposures, eg, spillages:- Appropriate organic vapour cartridge respirator as per the requirements of AS/NZS 1715 and AS/NZS 1716 (Respiratory protective devices). For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. Exposure Limit by more than ten times, air supplied apparatus should be used).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid tablet	Colour	Yellow
Odour	Fragrant odour	Specific Gravity	1.46 @ 15 °C
Boiling Point	173 °C	Freezing Point	53 °C
Vapour Pressure	1.027 mm Hg (1 atmosphere)	Vapour Density	5.08 @ 15 °C
Flash Point	65 °C (closed cup)	Flammable Limits	2.5 – 16%
Water Solubility	Insoluble	pH	Not applicable
Viscosity	Solid	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	100 % v/v



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SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials	Strong oxidising agents, alkalis.
Hazardous Decomposition Products	Burning can produce carbon monoxide and/or carbon dioxide, hydrogen chloride and phosgene.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are

Ingestion

short term exposure	Accidental swallowing is unlikely in the workplace setting. Low acute oral toxicity. Symptoms may include, headache nausea, vomiting and anaemia.
long term exposure	Ingestion – over a long period may cause reversible neurological symptoms including unsteady gait, incoordination and tingling of the limbs.

Skin contact

short term exposure	Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid. Contact of p-dichlorobenzene particles with the eye or the skin causes pain but does not produce damage; repeated exposure of the skin causes mild irritation.
long term exposure	Skin – No evidence of sensitisation.

Eye contact

short term exposure	Vapour irritating to the eyes at 50ppm or greater.
long term exposure	No information available.

Inhalation

short term exposure	Low acute inhalation toxicity. Vapour may be irritating to the nose at 50ppm or greater. May cause headache, dizziness, nausea, vomiting and breathing difficulties. High doses may cause depression of the nervous system. Eye and nose irritation is painful at concentrations of 50 ppm and becomes severely painful at 160 ppm.
long term exposure	Repeated exposure to p-dichlorobenzene may induce anorexia, weight loss, and liver and kidney damage.

Carcinogen Status

NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is probably carcinogenic to humans.
Medical conditions aggravated by exposure	Liver and kidney conditions.

PRODUCT MIXTURE INFORMATION

Local Effects	Harmful: eye, skin, inhalation and ingestion.
Target Organs	Kidneys, liver.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

Ingredients	R-Phrases.
1,4 – Dichlorobenzene (para-dichlorobenzene)	R40, R36, R50/53

Individual Ingredient Information

NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical.
100% 1,4 – DICHLOROBENZENE (para-dichlorobenzene)



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Irritation Data

p-Dichlorobenzene is an eye and upper respiratory tract irritant. Eye and nose irritation is painful at concentrations of 50 ppm and becomes severely painful at 160 ppm [Hathaway et al. 1991]. Contact of p-dichlorobenzene particles with the eye or the skin causes pain but does not produce damage; repeated exposure of the skin causes mild irritation

Toxicity Data

The oral LD(50) in rats is 500 mg/kg [NIOSH 1995]. The dermal LD(50) in rabbits is greater than 2 gm/kg [NIOSH 1995]. p-Dichlorobenzene is a liver and kidney toxin.

Local Effects

Acute exposure: Exposure to p-dichlorobenzene may cause eye and upper respiratory tract irritation, headache, swelling around the eyes, runny nose, and nausea. Contact of the eye with particles of p-dichlorobenzene causes pain, and direct skin contact with this substance causes a burning sensation and slight skin irritation. If swallowed, it may cause a burning pain in the stomach, nausea, vomiting, and diarrhea.

Target Organs

Liver, kidneys, respiratory tract.

Mutagenic Data

No information.

Reproductive effects

No information.

Carcinogenicity

IARC classified p-dichlorobenzene as a 2B substance, probably carcinogenic to humans, carcinogen [IARC 1987].

SECTION 12 – ECOLOGICAL INFORMATION**Fish toxicity**

Moderately toxic to aquatic life.

Algae toxicity

No information.

Invertebrates toxicity

No information.

Toxicity to Bacteria

No information.

OECD Biological degradation

Bio-degradable. Not miscible with water, so has limited mobility. Classified as N – Dangerous to the environment.

General

Classified as ENVIRONMENTALLY HAZARDOUS SUBSTANCE when transported by marine. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put down the drain.

SECTION 14 – TRANSPORT INFORMATION

Australian Special Provision AU01 to the Australian Dangerous Goods Code 7th Edition (incorporating Corrigendum 1) 2011:

Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;

- (a) packagings that do not incorporate a receptacle exceeding 500 kg(L); or
- (b) IBCs.

UN Number

None allocated

ADG Classification

None allocated

Shipping Name

None allocated

ADG Subsidiary Risk

None allocated

Hazchem Code

None allocated

Packing Group

None allocated

Packaging Method

None allocated

Segregation

None allocated

Special Provisions

For marine transport UN 3077, Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE , SOLID, N.O.S.



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Where AU01 does not apply:

UN Number	3077	ADG Classification	9
Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S. (p- dichlorobenzene)	ADG Subsidiary Risk	
Hazchem Code	●3Z	Packing Group	None allocated
Packaging Method	None allocated	Segregation	None allocated
Special Provisions	none		

SECTION 15 – REGULATORY INFORMATION

Labeling Details

HAZARD	Xn- HARMFUL Carc Cat. 3 N- Dangerous to the environment.
RISK PHRASES	R40 - Limited evidence of a carcinogenic effect. R36 - Irritating to eyes. R50/53 - Very toxic to aquatic organisms- may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES	S2 - Keep out of reach of children. S36/37 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. S46 - If swallowed, seek medical advice immediately and show this container or label. S60 - This material and its container must be disposed of as hazardous waste. S61 - Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.
SUSMP	S5 (PARA-DICHOLOROBENZENE) Signal word: CAUTION Cautionary Statement/s: KEEP OUT OF REACH OF CHILDREN DO NOT SWALLOW NOT TO BE TAKEN FOLLOW SAFETY DIRECTIONS
ADG Code	None allocated for road or rail.
AICS	All ingredients present on AICS.

First Aid: **A**-For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

Safety Directions: **1**- Avoid contact with eyes.
4- Avoid contact with skin.

SECTION 16 – OTHER INFORMATION

Acronyms

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS No.	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
R-Phrases	Risk Phrases.



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HAZCHEM

An emergency action code of numbers and letters which gives information to emergency services.

NOHSC

National Occupational Health and Safety Commission.

NTP

National Toxicology Program (USA).

IARC

International Agency for Research on Cancer.

AICS

Australian Inventory of Chemical Substances.

TWA

Time Weighted Average

STEL

Short Term Exposure Limit

Literature References

List of Designated Hazardous Substances [NOHSC:10005(1999)]
 Australian Code For The Transport Of Dangerous Goods By Road And Rail – Seventh Edition.
 Standard for the Uniform Scheduling of Medicines and Poisons 2011.
 National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
 Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
 Material Safety Data Sheets – individual raw materials – Suppliers.
 HSIS – Hazardous Substance Information System – National Worksafe Data Base.
 National Industrial Chemicals Notification and Assessment Scheme, para-Dichlorobenzene – Priority Existing Chemical Assessment Report No. 13, NICNAS, Sydney, 2000.

Revision Information

New Issue to standard : 2nd Edition [NOHSC:2011(2003)].

Note

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point

Regulatory Affairs Manager.

Telephone

(07) 3204 8300

Issue Date

August 2012

Supersedes Issue Date

August 2007

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.