

MOUNTAIN FRESH DEODORANT BLOCKS

Infosafe No.: 7EFB6
RE-ISSUED Date : 20/10/2021
Re-issued: TRUCLEAN (QLD) PTY. LTD

CLASSIFIED AS HAZARDOUS

Section 1 - Identification

Product Identifier

MOUNTAIN FRESH DEODORANT BLOCKS

Company Product Codes / Numbers / Unique Identifiers

TCMOFR-4B, TCMOFR-10B

Company Name

TRUCLEAN (QLD) PTY. LTD.

Address

Unit 12, 101 Jijaws Sumner Park
QLD 4074 Australia

Telephone/Fax Number

Tel: 1800 652 833

Fax: 07 3375 3466

Emergency Phone Number

1800 629 953

Recommended use of the chemical and restrictions on use

Solid Deodorant Blocks with insecticidal properties.

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

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.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Pictogram (s)

Health hazard, Exclamation mark, 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/hearing protection.
- P280 Wear eye protection/face protection.

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 to authorised hazardous or special waste collection point in accordance with any local regulation.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
1,4-Dichlorobenzene	106-46-7	90-100 %
Other ingredients determined not to be hazardous	Not Required	0-10 %

Section 4 - First Aid Measures

Inhalation

Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

May cause headache, dizziness, nausea, vomiting and breathing difficulties. High doses may cause depression of the nervous system.

Ingestion

If swallowed, do NOT induce vomiting. Rinse mouth with water. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Skin

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.

May cause burning sensation on prolonged contact with solid.

Eye

If in eyes, hold eyes open, flood with water for at least 15 minutes. Transport to nearest medical facility for additional treatment.

May include burning sensation and redness.

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.

Section 5 - Firefighting Measures

Suitable 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.

Specific Methods

When heated to decomposition, emits acrid smoke and irritating fumes.

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.

Hazchem Code

2Z

Precautions in connection with Fire

Wear full protective clothing and self-contained breathing apparatus. Hazchem code is dependent upon mode of transportation and packaging (see Section 14).

Section 6 - Accidental Release Measures

Emergency Procedures

Use personal protective equipment. Avoid contact with released material. Avoid breathing dust. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

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.

Clean-up Methods - Small Spillages

Use appropriate tools to put spilled solid in a convenient waste disposal container. Avoid creating dust. Ensure adequate ventilation. Dispose of in accordance with regional regulations.

Environmental Precautions

Use appropriate containment to avoid environmental contamination. Prevent from entering waterways – discharge into the environment must be avoided.

Section 7 - Handling and Storage

Precautions for Safe Handling

Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Do not store near strong oxidants.

Section 8 - Exposure Controls and Personal Protection

Exposure Control Measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -

1,4-Dichlorobenzene: 150mg/m³ (25ppm) TWA (8hr), 300mg/m³ (50ppm) STEL. Carcinogen Category 3.

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
1,4-Dichlorobenzene		TWA	75	ppm	
1,4-Dichlorobenzene		TWA	451	mg/m ³	
1,4-Dichlorobenzene		STEL	110	ppm	
1,4-Dichlorobenzene		STEL	661	mg/m ³	

Biological Monitoring

No biological limit allocated.

Engineering Controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Personal Protective Equipment

Eye and face protection: Wear safety goggles.

Skin protection: Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Respiratory protection: If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Crystalline Solid	Appearance	Characteristic
Colour	Yellow or Red	Melting Point	53 deg C (127.4 deg F)
Boiling Point	173.4 deg C (344.1 deg F)	Vapour Pressure	0.4 mm Hg @ 20 deg C
Relative Vapour Density (Air=1)	5.07 (air = 1)	Density	1.46 g/ml (@15C)
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

CONVERSION FACTOR 1 ppm = 6.01 mg/m³ @ 25 deg C SOLUBILITY IN WATER Insoluble SOLUBILITY IN OTHER LIQUIDS Soluble in ethanol, benzene, ether, chloroform, carbon disulfide, and acetone.

Section 10 - Stability and Reactivity

Reactivity

Stable under normal temperature conditions and recommended use.

Chemical Stability

Stable under normal use conditons.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

Incompatible Materials

Strong oxidizing agents

Alkalis.

Section 11 - Toxicological Information

Toxicology Information

Low acute oral toxicity.

Ingestion

Unlikely to occur during occupational exposure. May cause headache nausea, vomiting and anaemia.

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

Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid

Eye

Vapour irritating to the eyes at 50ppm or greater.

Carcinogenicity

Limited evidence of carcinogenicity in animal studies.

Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans.

STOT - Repeated Exposure

Central nervous system: high dose exposure may cause depression of the nervous system.

Ingestion: over a long period may cause reversible neurological symptoms including unsteady gait, incoordination and tingling of the limbs.

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 Insufficient data. Not classed as a carcinogen by Worksafe. 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.

Section 12 - Ecological Information

Ecotoxicity

Toxic to aquatic life

Persistence and degradability

Inherently biodegradable.

Known Harmful Effects on the Environment

Toxic to aquatic organisms.

Environmental Protection

Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal

Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.

Section 14 - Transport Information

Transport Information

This material is a Class 9 - Miscellaneous Dangerous Good according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. These substances are incompatible in a placard load with any of the following:

- Class 1, Explosives (when the class 9 substance is a fire risk)

- substance),
- Class 5.1, Oxidizing agents (when the class 9 substance is a fire risk substance), and
- Class 5.2, Organic peroxides (when the class 9 substance is a fire risk substance).

ADG U.N. Number

3077

ADG Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Contains 1,4-Dichlorobenzene)

ADG Transport Hazard Class

9

ADG Packing Group

III

Hazchem Code

2Z

IERG Number

47

Section 15 - Regulatory Information

Regulatory Information

Classified as hazardous according to criteria of GHS.

Poisons Schedule

S5

Packaging & Labelling

As required by the ADG Code and the Standard for the Uniform Scheduling of Drugs and Poisons.

Section 16 - Any Other Relevant Information

Date of Preparation

December, 2016

Contact Person/Point

The Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 13 11 26 NZ: Poisons 0800 764 766,

Signature of Preparer/Data Service

Technical Manager

Tel. (08) 9337 4844

END OF SDS

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