

SAFETY DATA SHEET

CASCADE MOUNTAIN BREEZE PERFUMED CUBES

Infosafe No.: MU3JW
ISSUED Date : 21/04/2020
ISSUED by: INTEGRA INDUSTRIES LTD

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

CASCADE MOUNTAIN BREEZE PERFUMED CUBES

Product Code

2021310

Company Name

INTEGRA INDUSTRIES LTD

Address

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Dunedin 9011 NEW ZEALAND

Telephone/Fax Number

Tel: +64 3 4556805

Emergency phone number

0800 764 766

E-mail Address

info@integraindustries.co.nz

Recommended use of the chemical and restrictions on use

Toilet deodoriser blocks.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

- 6.1D (Oral) - Substance that is acutely toxic
- 6.3B Substance that is mildly irritating to the skin
- 6.4A (Mild irritant) - Substance that is irritating to the eyes
- 6.7B Substance that is a suspected human carcinogen
- 9.1A Substance that is very ecotoxic in the aquatic environment
- 9.3C Substance that is harmful to terrestrial vertebrates

Signal Word (s)

WARNING

Hazard Statement (s)

- H302 Harmful if swallowed.
- H316 Causes mild skin irritation.
- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.
- H410 Very toxic to aquatic life with long lasting effects.

H433 Harmful to terrestrial vertebrates.

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.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- 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

- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P330 Rinse mouth.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P391 Collect spillage.

Precautionary statement – Storage

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
1,4-Dichlorobenzene	106-46-7	>60%

4. FIRST-AID MEASURES

First Aid Measures

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)
New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)
New Zealand Emergency Services: 111

Inhalation

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

Ingestion

- IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.
- For advice, contact a Poisons Information Centre or a doctor.
- Urgent hospital treatment is likely to be needed.
- In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition.

Skin

If skin contact occurs:

- . Immediately remove all contaminated clothing, including footwear.
- . Flush skin and hair with running water (and soap if available).
- . Seek medical attention in event of irritation.

Eye contact

Not applicable.

Advice to Doctor

Treat symptomatically.

Chlorobenzenes are readily adsorbed from the gastrointestinal tract; they are distributed into highly perfused tissues and accumulate in lipid tissues. Lipid accumulation is greatest for the more highly chlorinated chlorobenzene compounds.

The material may induce methaemoglobinaemia following exposure.

. Initial attention should be directed at oxygen delivery and assisted ventilation if necessary. Hyperbaric oxygen has not demonstrated substantial benefits.

. Hypotension should respond to Trendelenburg's position and intravenous fluids; otherwise dopamine may be needed.

. Symptomatic patients with methaemoglobin levels over 30% should receive methylene blue. (Cyanosis, alone, is not an indication for treatment). The usual dose is 1-2 mg/kg of a 1% solution (10 mg/ml) IV over 50 minutes; repeat, using the same dose, if symptoms of hypoxia fail to subside within

1 hour.

. Thorough cleansing of the entire contaminated area of the body, including the scalp and nails, is of utmost importance.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures

- Alcohol stable foam.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

Specific Hazards Arising From The Chemical

- Combustible.
- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.
- On combustion, may emit toxic fumes of carbon monoxide (CO).

Combustion products include: carbon dioxide (CO₂), hydrogen chloride, phosgene, other pyrolysis products typical of burning organic material.

Hazchem Code

2Z

Decomposition Temperature

Not available

Other Information

FIRE INCOMPATIBILITY

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Personal Protective Equipment

- Gas tight chemical resistant suit.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Environmental hazard - contain spillage.

- . Clean up all spills immediately.
- . Secure load if safe to do so.
- . Bundle/collect recoverable product.
- . Collect remaining material in containers with covers for disposal.

Personal Protection

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps

Storage Regulations

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers. Store away from incompatible materials.

Recommended Materials

SUITABLE CONTAINER

- DO NOT use aluminium or galvanised containers.
- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Source: New Zealand Workplace Exposure Standards (WES)

Material	TWA	STEL	Notes
1, 4- dichlorobenzene	25 ppm	153 mg/m ³	50 mg/m ³
			A3 CARCINOGEN

Appropriate Engineering Controls

Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator.

Personal Protective Equipment

RESPIRATOR

Type A-P Filter of sufficient capacity

EYE

☑No special equipment for minor exposure i.e. when handling small quantities.

. OTHERWISE:

. Safety glasses with side shields.

HANDS/FEET

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves.

OTHER

No special equipment needed when handling small quantities.

OTHERWISE:

- . Overalls.
- . Barrier cream.
- . Eyewash unit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Solid	Appearance	Solid, green, waxy cubes with a typical odour; very slightly soluble in water. Volatile by sublimation.
Colour	Green	Decomposition Temperature	Not available
Melting Point	52-53°C	Boiling Point	Not Applicable
Solubility in Water	Partly miscible	pH	Not Applicable
Vapour Pressure	Not Available	Vapour Density (Air=1)	Not Available
Evaporation Rate	Not Available	Viscosity	Not Available
Volatile Component	>90	Flash Point	>61°C
Auto-Ignition Temperature	Not Available	Explosion Limit - Upper	Not Available
Explosion Limit - Lower	Not Available	Molecular Weight	Not applicable

10. STABILITY AND REACTIVITY

Incompatible materials

For incompatible materials - refer to Section 7 - Handling and Storage.

11. TOXICOLOGICAL INFORMATION

Eye

Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals. Repeated or prolonged eye contact may cause inflammation (similar to windburn) characterised by a temporary redness of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.

Carcinogenicity

CARCINOGEN

para- Dichlorobenzene	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2B
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Non- arsenical insecticides (occupational exposures in spraying and application of)	International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs	Group	2A
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Chronic Effects

On the basis, primarily, of animal experiments, concern has been expressed that the material may produce carcinogenic or mutagenic effects; in respect of the available information, however, there presently exists inadequate data for making a satisfactory assessment.

Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

The product is considered to be non-harmful when used as directed.

Other Information

TOXICITY AND IRRITATION:

During the manufacture and use of chlorobenzenes, clinical symptoms and signs of excessive exposure include: central nervous system effects and irritation of the eyes and upper respiratory tract (MCB); haematological disorders (1,2-DCB); and central nervous system effects, hardening of the

skin, and haematological disorders including anaemia (1,4-DCB).

All chlorobenzenes appear to be absorbed readily from the gastrointestinal and respiratory tracts in humans and experimental animals, with absorption influenced by the position of the chlorine in different isomers of the same congener.

The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (non-allergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis.

1,2-DCB is quickly and extensively absorbed through both the gastrointestinal tract and the respiratory tract; studies describing the absorption of 1,

2-DCB following dermal exposure are not available. Following absorption, 1,2-DCB is distributed throughout the body, but tends to be found in greatest levels in the fat, kidney, and liver.

12. ECOLOGICAL INFORMATION

Ecological information

1,4-dichlorobenzene 72 or 96hr ErC50 (1.6) mg/L Green algae Plant Source: Experimental

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This material and its container must be disposed of as hazardous waste.

Avoid release to the environment.

Refer to special instructions/ safety data sheets.

Ecotoxicity

Ingredient	Persistence:Water/Soil	Persistence: Air	Bioaccumulation	Mobility
1, 4- dichlorobenzene	HIGH	HIGH	LOW	MED

13. DISPOSAL CONSIDERATIONS

Waste Disposal

- Recycle where possible
- Otherwise ensure that:
- licenced contractors dispose of the product and its container.
 - disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

U.N. Number

3077

UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Transport hazard class(es)

9

Sub.Risk

None

Packing Group

III

Hazchem Code

2Z

IERG Number

47

UN Number (Sea Transport)

3077

UN Number (Road Transport)

3077

UN Number (Air Transport, ICAO)

3077

IATA/ICAO Hazard Class

9

IATA/ICAO Packing Group

III

IATA/ICAO Sub Risk

None

LIMITED QUANTITY - Max Net Quantity/Pkge

5 kg

IMDG UN No

3077

IMDG Hazard Class

9

IMDG Pack. Group

III

IMDG Subsidiary Risk

None

IMDG Marine pollutant

Yes

IMDG EMS

F- A , S- F

15. REGULATORY INFORMATION

Regulatory information

This substance should be managed in accordance with the requirements specified in the Cleaning Products (Toxic [6.7]) Group Standard 2006, HSNO Approval Number HSR002531.

National and or International Regulatory Information

Regulations for ingredients

1,4-dichlorobenzene (CAS: 106-46-7) is found on the following regulatory lists;

"International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Veterinary Medicines", "New Zealand Inventory of Chemicals (NZIoC)", "New Zealand Workplace Exposure Standards (WES)", "OECD Representative List of High Production Volume (HPV) Chemicals", "WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water"

No data for Cascade Perfumed Cubes

HSNO Approval Number

HSR002531

Other Information

Specific advice on controls required for materials used in New Zealand can be found at <http://www.epa.govt.nz/hazardous-substances/approvals/Pages/default.aspx>.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

21/04/2017

Technical Contact Numbers

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)

New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)

New Zealand Emergency Services: 111

Other Information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since INTEGRA INDUSTRIES LTD cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their INTEGRA INDUSTRIES representative or INTEGRA INDUSTRIES LTD at the contact details on page 1.

INTEGRA INDUSTRIES LTD's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

END OF SDS

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