

Material Safety Data Sheet
BUZZOOKA CITRONELLA CANDLE

BOARDMAN BROTHERS (PTY) LTD

Version 1.00

Revision Date 26.06.2015

1. Identification of the substance/mixture and of the company/undertaking

Trade name	Buzzooka Citronella Candle
Synonyms	Insect Repellent Candle, Wax Candle
Product Type/Identification	Solid orange wax candle with wick
Company	Boardman Brothers (Pty) Ltd Erica Street Stutterheim 4930
Information (Product safety)	Telephone: +27 (0) 43 683 1328 Fax: +27 (0) 43 683 2835 E-mail: clint@newden.co.za , rboardman@newden.co.za info@newden.co.za , safety@newden.co.za
Emergency information	Office Hours: 043 683 1328 Poison control centre: 0800 333 444

2. Hazards identification

Main hazards	This product can produce toxic fumes under fire conditions. Effect of over exposure: irritation to eyes, skin and respiratory tract. May cause burns if molten product contacts skin.
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3. Composition/information on ingredients

Chemical characteristic Ingredients	Wax PARAFFIN 95% CAS No. 64742-43-4 CITRONELLA OIL 5% CAS No. 8000-29-1
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4. First aid measures

Symptoms

Skin contact	Solid material is not expected to be an irritant, but it may cause mild skin irritation. May cause burns if molten product contacts skin.
Eye contact	Solid material is not expected to be an irritant, but it may cause mild eye irritation. Vapours from molten wax may cause eye irritation.

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Ingestion	Ingested paraffin wax is not absorbed, and is considered nontoxic. Ingestion of large amounts may have a mild laxative effect and cause diarrhoea.
Inhalation	Low hazard. Paraffin wax fumes may be irritating to the eyes nose and throat, and may also produce nausea. However, vapours emitted from molten wax are expected to have a low degree of irritation by inhalation.

Actions

Skin contact - solid	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Skin contact – molten	If burned by molten liquid, cool immediately. Do not remove product if adhered to skin. Get medical attention immediately.
Eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. Fire-fighting measures

Extinguishing Media

Suitable	SMALL FIRE: Use DRY chemical powder or carbon dioxide. LARGE FIRE: Use water spray, foam or fog. Do not use water jet.
Not suitable	No additional remark.
Unusual fire/explosion hazard	Wax may catch fire when molten.
Special fire-fighting procedures	Fire fighters must wear positive pressure self-contained breathing apparatus (SCUBA) and full turnout gear.
Protection of fire fighters	Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

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Personal precautions	Wear suitable protective clothing (see Section 8). Caution! Spilled material may be slippery.
Environmental precautions and clean-up methods	
Liquids:	Eliminate all ignition sources. Ventilate the area. Prevent liquid from entering the sewers. Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Solids:	Sweep up and remove solids to an appropriate waste disposal.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	Avoid prolonged, direct contact with skin. Do not touch molten material. Never leave a burning candle unattended. Keep out of reach of pets and children. Always burn the candle on a safe and level surface. Burn candle in a draft free area and away from anything that can catch fire.
Storage	Keep container tightly closed. Keep container in a cool well ventilated area.
Packaging materials	
Recommended use	Use original container
Not suitable	No additional remark

8. Exposure controls/personal protection

Hygiene measures	Wash hands after handling and before eating, smoking or using lavatory and at the end of the day.
Occupational exposure limits	Not applicable.
Personal protective equipment	
Hands	Wear protective gloves if handling molten material.
Eyes	Wear safety glasses if handling molten material.

9. Physical and chemical properties

Physical state	Solid wax, becomes molten when exposed to heat
Colour	Orange
Odour	Citronella
Melting point	58-60°C
Boiling point	Not applicable
Flash point	Open cup: >200°C

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Density	0.9 g/cm ³
pH	Not applicable
Viscosity	Not applicable
Odour threshold	Not available
Vapour pressure	Not applicable
Solubility	Insoluble in cold and hot water.

10. Stability and reactivity

Stability	Under normal conditions of storage and use, hazardous decomposition products should not be produced. The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Materials to avoid	Keep away from oxidizing agents.
Thermal decomposition	No decomposition is used according to specifications.

11. Toxicological information

Toxicity to animals	Not available
Chronic effects on humans	Not available
Other toxic effects on humans	
Inhalation:	Slightly hazardous
Ingestion	Slightly hazardous
Skin contact	Irritant
Eye contact	No known significant effects or critical hazards.

12. Ecological information

Environmental data	Not available
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13. Disposal considerations

Hazardous waste	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
Methods of disposal	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-

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products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

ADR	Not regulated
RID	Not regulated
ADNR	Not regulated
IMDG	Not regulated
IATA	Not regulated

15. Regulatory information

This product is registered with the Department of Agriculture, Forestry and Fisheries, Republic of South Africa, as per Act No 36 of 1947. Registration number L4084 ACT 36/1947.

16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.