

Bracton Industries (NSW) Pty. Ltd.

ACN 003 060 160

P.O. Box 386, Brookvale NSW 2100,
Australia

Section 1: Identification of the Material and Supplier

Product Name: Bracton Rejuvenator

Other Names: Mixture of natural and paraffin oils.

Proper shipping name (ADG Code): None assigned.
Combustible liquid.

Recommended use: As an aromatic oil in ventilation systems.
Use diluted with pharmaceutical grade white paraffin oil, as directed on the product label.

Supplier: Bracton Industries (NSW) Pty. Ltd.,
ACN: 003 060 160
50 Chard Road, BROOKVALE NSW 2100, Australia
Tel: +61 2 9938 1800 (business hours)
Fax: +61 2 9905 0979

Emergency Phone Numbers:

Transport/Fire Emergency: 000 (Emergency services)
Medical Emergency: 131126 (Poisons Information Centre)

Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

Risk Phrases: R: None.

Safety Phrases: S: 24/25 Avoid contact with skin and eyes.

Section 3: Composition/Information on Ingredients

Ingredients:

Mixed natural oils deemed not to be hazardous > 60 %
White paraffin oil [8012-95-1] to 100 %

Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

- Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.
- Inhaled:** Remove from exposure.

First Aid facilities:

Recommended: Eye wash. Hand wash basin.

Advice to Doctor:

Product is a mixture of natural and paraffin oils. May be irritating to eyes. Chronic skin exposure may result in irritant contact dermatitis in sensitive individuals.
Contact Poisons Information Centre.

Aggravated medical conditions:

Pre-existing skin disorders.

Section 5: Fire Fighting Measures

- HAZCHEM Code:** None assigned.
- Evacuate:** No.
- Extinguishant:** Foam or dry agent.
- Risk of violent reaction or explosion:** No.
- Products of combustion:** Water vapour, oxides of carbon.
- Protective Equipment:** Breathing apparatus and protective gloves for fire only.

Section 6: Accidental Release Measures

Emergency Procedures:

Contain.
Prevent spillages from entering drains or natural waters.

For large spills:

Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as for small spillage.

For small spills:

Absorb on inert absorbent, transfer to suitable container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes.
Spillages will be slippery.

Conditions for safe storage:

Store in a cool, well ventilated place, out of reach of children.
 Large quantities should be stored in a bunded flammables store.
 Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from naked flames. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Incompatibles:

Oxidising agents.

Section 8: Exposure Controls/Personal Protection
National Exposure Standards:

ES-TWA: Oil mist, refined mineral 5 mg/m³

ES-STEL: None assigned by NOHSC, but see:
 Oil mist, refined mineral 10 mg/m³
 [Belgium, Poland, UK]

ES-PEAK: None assigned.

Notations: None.

Biological Limit Values: No data found.

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.
 If handling industrial quantities or if aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible, and at least below the TLV.

Personal Protective Equipment:

Avoid contact with skin and eyes. 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:

Face shield or safety glasses
 Gloves, rubber or plastic
 Plastic apron, sleeves and boots
 Impervious overalls.

Section 9: Physical and Chemical Properties

Appearance: Pale yellow, oily liquid.
Odour: Aromatic odour of natural oils.
pH: Not applicable.
Vapour Pressure: No data.
Vapour Density: No data.
Boiling Point: No data.
Melting Point: No data.
Volatiles: About 10 %
Volatile Organic Compounds (VOC): About 10 %
Evaporation Rate: No data.
Solubilities: Immiscible with water.
Specific Gravity/Density: About 0.9 g/mL @ 20 °C

Flash Point: > 110 °C
Flammable Limits: No data.
Dust Explosion: Not applicable.
Auto-ignition Temperature: No data.

Other Information:

Soluble in chloroform, diethyl ether, hydrocarbons, petroleum spirit. May react with strong oxidising agents.
Slippery when spilled.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Incompatible materials, direct sunlight, prolonged exposure to light and air.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Reactions: Contact with strong oxidising agents may cause fire.

Section 11: Toxicological Information

Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

Acute:

Swallowed: Likely to cause gastric upset, with possible nausea, vomiting and diarrhoea.

Skin: May be irritating to skin. Will have a degreasing effect on the skin, leading to dry skin. Over-exposure may result in dermatitic effects.

Eyes: May be irritating to eyes.

Inhaled: Aerosols may cause respiratory irritation.

Chronic: Chronic exposure to the skin may lead to allergic dermatitis.
Chronic exposure to mists/aerosols may lead to respiratory irritation and aspiration pneumonia.

LD50: Paraffin oil 22,000 mg/kg oral, mouse.

Section 12: Ecological Information

Ecotoxicity: No data.

Persistence and degradability: No data.

Mobility: Readily transported on the surface of water.

Environmental Fate: No data.

Bioaccumulative potential: No data.

Other adverse environmental effects: No data.

Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

Disposal methods and containers:

High temperature incineration.

Avoid disposal to drains, natural waters or the environment.

Special precautions for landfill or incineration:

Not suitable for landfill.

Section 14: Transport Information

UN Number: None assigned.

UN Proper shipping name: None assigned.

Class and subsidiary risk: Combustible liquid.

Packaging group: None assigned.

Special precautions for user: Combustible liquid.
Treat as flammable liquid when stored or transported with other flammable liquids.

HAZCHEM Code: None assigned.

Material for export: Not regulated.

Section 15: Regulatory Information

Poisons (SUSDP): Not a scheduled poison.

Dangerous Goods: No. Combustible liquid.
Treat as flammable liquid when stored or transported with other flammable liquids.

Carcinogen:	Australia	IARC	NTP
	No.	No.	No.

Agricultural and Veterinary Chemicals Act: Not applicable.

Australian Inventory of Chemical Substances (AICS): Listed.

Other National/International Regulations: No data found.

Section 16: Other information

Date of MSDS update: October 2006
Complete review and re-write of all sections.

Abbreviations:

NOHSC - National Occupational Health and Safety Commission.
ACGIH - American Conference of Governmental Industrial Hygienists.
MAK - Maximum workplace concentration - Germany,
(*maximale Arbeitsplatzkonzentration*)
IARC - International Agency for Research on Cancer (France).
NPT - National Toxicology Program (USA).
HSE - Health and Safety Executive (United Kingdom).

Literature references:

Available Sources of Data:

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.
Australian Dangerous Goods Code.
Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.
Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.
List of Designated Hazardous Substances [10005] - NOHSC.
Merck Index - Merck Inc.
Sax's Dangerous Properties of Industrial Materials - Lewis.
Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.
Handbook of Reactive Chemical Hazards - Bretherick.
Hawley's Condensed Chemical Dictionary - Wiley Interscience.
AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.

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