

**SAFETY DATA SHEET**

According to Safe Work Australia

Date: 01.01.2017

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY**Product Name:** Rejuvenator**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** For prevention of mould and bacteria in wet refrigerated areas.**Details of Manufacturer or Importer:**Bracton Industries (NSW) Pty Ltd
50 Chard Rd
Brookvale NSW 2100**Phone Number:** 02 9938 1800**Emergency telephone number:** National Poison Information Centre: 13 11 26**2 . HAZARDS IDENTIFICATION****Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

Signal Word Void**Hazard Statements** Void**3 . COMPOSITION AND INFORMATION ON INGREDIENTS****Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

8012-95-1	Paraffin oils	<40%
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4 . FIRST AID MEASURES**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Symptoms Caused by Exposure:

Inhalation: Inhalation of aerosols may cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam or dry agent.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and water vapour.

Combustible Liquid Class 1.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Wash spill area with water and detergent.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from direct sunlight and prolonged exposure to air. Protect containers from physical damage. Keep away from strong oxidising agents.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

8012-95-1 Paraffin oils

WES TWA: 5 mg/m³

Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

Respiratory Protection:

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Rubber or plastic gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and

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permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Oily liquid
Colour:	Pale yellow
Odour:	Aromatic odour of natural oils.
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	>110 °C
Flammability:	Combustible Liquid Class 1
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density at 20 °C:	~0.9 g/cm ³
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Immiscible with water.
Solubility in Solvents:	Soluble in chloroform, diethyl ether, hydrocarbons and petroleum spirit.
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available
% Volatiles by Volume:	~10 %
VOC:	~10 %

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions:

Hazardous polymerisation will not occur.

Contact with strong oxidising agents may cause fire.

Chemical Stability: **Stable at ambient temperature and under normal conditions of use.**

Conditions to Avoid: Direct sunlight and prolonged exposure to air.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of carbon and water vapour.

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11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****8012-95-1 Paraffin oils**Oral LD₅₀ 22000 mg/kg (mouse)**Acute Health Effects****Inhalation:** Inhalation of aerosols may cause respiratory irritation.**Skin:** May cause skin irritation.**Eye:** May cause eye irritation.**Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Repeated or prolonged skin exposure may cause de-fatting of the skin, leading to skin dryness and dermatitis. chronic exposure to aerosols may cause respiratory irritation and aspiration pneumonia.

Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: No further relevant information available.**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is readily transported by water.**Other adverse effects:** No further relevant information available.

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

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14. TRANSPORT INFORMATION

UN Number **Not regulated**
 Proper Shipping Name **Not regulated**
 Dangerous Goods Class **Not regulated**
 Packing Group: **Not regulated**

15. REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

8012-95-1 Paraffin oils

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
 Poisons Schedule: 5

16. OTHER INFORMATION

Date of Preparation or Last Revision: 01.01.2017

Prepared by: Bracton Industries (NSW) Pty Ltd / Michael Hunter

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC₅₀: Lethal concentration, 50 percent

LD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This document has been compiled by the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, or supplier.

While Bracton has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Bracton accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.



[End of SDS]

Product Label

This is a BractonSafe initiative to supply the label of the product that only this SDS relates to. Ensure this label matches the product name in the product identifier.

HOW IT WORKS Rejuvenator has been specifically formulated using natural oils which have microbial properties, giving Rejuvenator the ability to absorb odours and to kill odour causing bacteria & fungus (such as yeast, mould & mildew). This process hygienically interrupts the breeding cycle of barflies, thus actively reducing bar flies while providing protection for up to two months against future bacteria and fungus growth.

WHERE TO USE Under bar counters, heat exchangers, beer pythons and other areas where mould occurs (excluding those listed below).

WHERE NOT TO USE Avoid spraying on floors, as floors will become slippery. Avoid spraying on equipment that comes into direct contact with food (ie. beer taps / equipment).

DIRECTIONS - MONTHLY
 → Clean and dry surface with Bracton Spray Away.
 → Spray and wipe with a clean cloth to leave an even coat, wipe and excess away.

FIRST AID **SWALLOWED** Do not induce vomiting, give glass of water. **SKIN** Remove contaminated clothing and wash skin thoroughly. **EYES** Hold eyes open, flood with water for at least 15 minutes and seek medical advice. **INHALED** Remove from exposure.

Bracton shall in no event be liable for, and Customer hereby agrees to indemnify Bracton against all claims related to, special, direct, indirect, consequential, or any damages arising out of or related to the sale, use, or inability to use the product.

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