

SAFETY DATA SHEET

Date of Issue: 6th August, 2021

Issue Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Bell-Booth Iodine 40mg

OTHER NAMES:

USE: Iodine for animal health.

COMPANY IDENTIFICATION : Bell-Booth Limited
15 Tiki Place
Palmerston North
New Zealand
tel +64 6 358 9052
www.bell-booth.co.nz

Emergency Telephone Numbers: 0800 80 90 91
NATIONAL POISONS CENTRE 0800 764 766
POLICE, FIRE, AMBULANCE Dial 111

2. HAZARDS IDENTIFICATION

Product is classified according to the Hazardous Substances (Hazard Classification) Notice 2020

HSNO Approval: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2020.

HSNO Classifications: Skin sensitisation, Category 1; Hazardous to the aquatic environment chronic , Category 3.

Pictograms:



Signal word: WARNING

Hazard Statements:

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long-lasting effects.

Prevention Statements:

P103 Read label before use.

P261 Avoid breathing mist/vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves.

Response Statements:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice.

P363 Wash contaminated clothing before reuse.

Storage Statements:

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Disposal Statements:

P501 Dispose of product and containers in compliance with local regulations.

3. COMPOSITION: INFORMATION ON INGREDIENTS

| Common name | CAS. No | % w/w |
|-------------------|-------------|---------|
| Potassium iodide | 7681-11-0 | 5 |
| Other ingredients | Proprietary | Balance |

4. FIRST AID MEASURES

If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre (tel. 0800 764 766) or a doctor.

EYES: Hold eyes open and carefully rinse eyes with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice if irritation persists.

SKIN: Wash affected area with soap and water. Get medical advice if irritation or rash occurs.

INGESTION: Rinse mouth. Do not induce vomiting. Get medical advice if feeling unwell.

INHALATION: If breathing is difficult, remove to fresh air, keep warm and at rest until recovered. If concerned or experiencing respiratory problems, call a Poison Centre or doctor.

FIRST AID FACILITIES: Eye wash and hand washing facilities.

ADVICE TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: Nonflammable.

FLAMMABLE LIMITS: LFL: Not determined UFL: Not determined

EXTINGUISHING MEDIA: Use water spray, dry agent, carbon dioxide or foam. Water spray or fog can be used to cool containers or on surrounding materials.

FIRE & EXPLOSION HAZARDS: Will emit harmful/irritating compounds if heated to decomposition.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spillage. Prevent from entering drains or other waterways. Wear overalls, boots, gloves and eye protection. Recover product and any contaminated materials to containers that can be sealed. If product cannot be re-used, dispose of to landfill.

DISPOSAL: Use product as per label or bury in landfill.

7. HANDLING AND STORAGE

HANDLING: Read label before use. Use product according to label instructions for intended purpose only. Observe good personal hygiene. Wear personal protective equipment, e.g. overalls, boots, impervious gloves, and also eye protection if risk of splashes or aerosols. Wash hands after use and before rest or meal breaks. Launder contaminated protective clothing before re-use.

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STORAGE: Keep out of reach of children and prevent access by pets/domestic animals. Store securely in dry, well-ventilated area, out of direct sunlight. Ensure containers are labelled, protect from physical damage, and keep closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Workplace Exposure Standards (WES) have not been set for this product (Workplace Exposure Standard and Biological Exposure Indices, edition 12, November 2020). However, iodine has a workplace exposure standard.

Iodine (CAS No 7553-56-2) WES-TWA (ceiling) 0.1 ppm (1 mg/m³)

ENGINEERING CONTROLS: Not required when used outdoors or in a well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Face/Eye protection: Wear safety goggles, or glasses with side shields (AS/NZS1337) if risk of exposure to eyes.

Skin protection: Wear gloves, e.g. rubber gloves (AS/NZS 2161). Wear overalls to protect clothes from contamination and closed in footwear.

Respiratory protection: If risk of inhaling mist/aerosols, wear a suitable respiratory device compliant with AS/NZ 1715.

Other: Not required

General information: The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---------------------|
| Appearance: | Yellow/brown liquid |
| Odor: | Mild |
| Odor threshold: | Not available |
| pH: | 7 - 9 |
| Melting point (°C): | Not available |
| Boiling point (°C): | 100 |
| Flash point (°C): | Non flammable |
| Flammability (solid, gas): | Not applicable |
| Upper/lower flammability: | Not applicable |
| Vapour pressure: | Not available |
| Vapour density: | Not available |
| Density/specific gravity: | 1.04 |
| Solubility: | Soluble in water |
| Partition Coefficient: -octanol/water: | Not available. |
| Autoignition temperature (°C): | Not known |
| Decomposition temperature: | Not known |
| Kinematic viscosity: | Not available |

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions (temperatures, pressure) of storage and use.

CONDITIONS TO AVOID: High temperatures, sunlight.

MATERIALS TO AVOID: Diazonium salts, diisopropyl peroxydicarbonates, oxidisers, bromide and chloride trifluorine perchlorate, calomel (mercurous chloride), potassium chlorate, metallic salts, tartaric and other acids.

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HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen iodide, oxides of potassium and iodine.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

Acute toxicity: Not classified for acute toxicity by ingestion, absorption through skin or if inhaled. If ingested may result in abdominal pain, diarrhea, nausea and vomiting.

Aspiration hazard: No information available to indicate aspiration hazard.

Respiratory irritation: Not classified.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Not classified.

Respiratory or skin sensitization: Sodium iodide is identified as skin sensitizer for humans.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: Iodine may affect the endocrine system from repeated or prolonged exposure.

Narcotic effects: No information available.

Toxicity data: Not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic environment: Harmful to the aquatic environment with long-lasting effects. Use product only according to label instructions.

Soil environment: Not classified.

Terrestrial vertebrates: Not classified.

Terrestrial invertebrates: Not classified.

Ecotoxicological data:

Potassium iodide *Daphnia magna* EC₅₀ (48 hr) 1.08 mg/L

PERSISTENCE AND DEGRADATION: No information available to indicate persistence.

POTENTIAL TO BE BIOACCUMULATIVE: No information available to indicate bioaccumulative effects.

MOBILITY IN SOIL: This product is soluble in water.

OTHER ADVERSE EFFECTS: No specific information available.

13. DISPOSAL CONSIDERATIONS

Product: Use product as per label directions. Dispose of waste (unwanted product or residues) to landfill in accordance with Regional Authority or local council bylaws.

Packaging: Dispose of empty packaging by crushing and burying in landfill. Do not use for storage of other products.

Special Precautions: No specific information available.

Unsuitable methods: Do not dispose of into drains, sewers or other waterways.

14. TRANSPORT REGULATIONS

Bell-Booth Iodine 40mg

| Road and Rail Transport | | Marine Transport | | Air Transport | |
|-------------------------|---------------|----------------------|---------------|----------------------|---------------|
| UN No. | Non-regulated | UN No. | Non-regulated | UN No. | Non-regulated |
| Proper Shipping Name | | Proper Shipping Name | | Proper Shipping Name | |
| DG Class | | DG Class | | DG Class | |
| Sub. Risk | | Sub. Risk | | Sub. Risk | |
| Pack Group | | Pack Group | | Pack Group | |
| Hazchem | | Hazchem | | | |

Dangerous Goods Segregation

This product is not classified as a Dangerous Good.

Please consult the Land Transport Rule: Dangerous Goods 2010, and NZS 5433:2020 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

Country: New Zealand

Inventory: Components listed.

EPA New Zealand HSNO Approval Code: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2020.

Safety Data Sheet:

Any quantity

Restricted to workplace only:

No

Quantity that requires management in accordance with HSW HS

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Regulations:

Quantity for secondary containment and emergency response plan:

1000 L

Quantity for signage:

1000 L

For information on Controls refer to www.epa.govt.nz and www.worksafe.govt.nz.

16. OTHER INFORMATION

Date of Issue: 6th August 2021

Reasons for Issue: Review hazardous classifications and change to GHS descriptions and review SDS.

Replaces: SDS dated 12th July, 2016, version 2.

Abbreviations:

| | |
|------------------|--|
| AS | Australian Standard |
| bw | body weight |
| EEL | Environmental Exposure Limit |
| EPA | Environmental Protection Authority |
| GHS | Global Harmonized System |
| HS | Hazardous Substance |
| HSNO | Hazardous Substances and New Organisms |
| LD ₅₀ | Dose lethal to 50% of population |
| NOAEL | No observed adverse effect level |
| NZS | New Zealand Standard |
| SDS | Safety Data Sheet |
| TWA | Time weighted average |
| WES | Workplace Exposure Standard |

References: Supplier Safety Data Sheets

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CCID; www.epa.govt.nz

Other information:

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Bell-Booth Limited disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET