

SAFETY DATA SHEET

Kontakt Concentrate

Preparation Date: 27-Aug-2015
Revision Number: 2.1
Date of last revision: 17-Sep-2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Kontakt Concentrate
Item#: AUS00001
Recommended use Teat dip concentrate
Uses advised against Restricted to professional users

Supplier DeLaval Pty Ltd
1 Global Drive
Westmeadows, VIC 3049
Australia
Telephone 61-3-8336-7977

Emergency Telephone Number 131 126 (Poison Control Centre)

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Acute aquatic toxicity - Category 3

2.2. Label Elements

Hazard Statements H402 - Harmful to aquatic life

Precautionary statements P102 - Keep out of reach of children
P273 - Avoid release to the environment
P501 - Dispose of contents/container in accordance with local regulations

Note

Signal words and pictograms are not required on labels for AgVet chemicals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No. | Weight-% |
|-----------------------------------|---------------|----------|
| Iodine | 7553-56-2 | 1 - 10% |
| Sodium iodide | 7681-82-5 | 1 - 10% |
| Citric acid | 77-92-9 | 0 - 1% |
| Sodium dioctyl sulfosuccinate | 577-11-7 | 0 - 1% |
| Sodium Hydroxide | 1310-73-2 | 0 - 1% |
| Water | 7732-18-5 | > 60% |
| Glycerol | 56-81-5 | 1 - 10% |
| Polyethylene-polypropylene glycol | 9003-11-6 | 1 - 10% |
| Non-hazardous ingredients | NOT SPECIFIED | 1 - 10% |
| Xanthan gum | 11138-66-2 | 0 - 1% |

4. FIRST AID MEASURES

| | |
|---|--|
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice/attention. |
| Skin contact | Wash off immediately with soap and plenty of water. Consult a physician if necessary. |
| Inhalation | Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician. |
| Ingestion | Call a physician or Poison Control Center immediately. |
| Effects of overexposure | No information available |
| Indication of any immediate medical attention and special treatment needed | No information available |
| Aggravated Medical Conditions | Central nervous system |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable Extinguishing Media | No information available |
| Specific hazards arising from the chemical | No information available. |
| Protective Equipment and Precautions for Firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Hazchem Code | No Hazchem Code allocated |

6. ACCIDENTAL RELEASE MEASURES

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|----------------------------------|---|
| Personal precautions | Avoid contact with eyes. Use personal protective equipment. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. |
| Methods for cleaning up | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |

7. HANDLING AND STORAGE

| | |
|------------------------------|---|
| Safe Handling Advice | Handle in accordance with good industrial hygiene and safety practice. |
| Storage | Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Keep containers tightly closed in a cool, well-ventilated place. |
| Incompatible products | No information available. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits No exposure standard allocated

| Chemical name | ES-TWA | ES-STEL | ES-Peak |
|------------------|----------------------|---------|--------------------------------|
| Iodine | | | 0.1 ppm 1 mg/m ³ |
| Sodium Hydroxide | | | 2 mg/m ³ |
| Glycerol | 10 mg/m ³ | | |

Biological standards No biological limit allocated

Engineering Controls Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields

Skin Protection Long sleeved clothing, Boots

Hand Protection Protective gloves

Respiratory Protection No special protective equipment required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Brown
Physical state Liquid
Odor No information available
Odor Threshold No information available

pH 4 - 5
Specific Gravity 1.06
Water Solubility soluble

Vapor Pressure No data available
Vapor Density No data available

Flash Point No data available
Autoignition Temperature No data available
Boiling Point/Range No data available
Melting Point/Range No data available
Freezing Point/Range No data available
Decomposition temperature No information available
Flammability (solid, gas) No information available
Explosion Limits No information available
Evaporation Rate No data available
Liquid Density 8.8 lb/gal
Relative Density No data available
Solubility No information available
Partition Coefficient (n-octanol/water) No data available
Viscosity No information available

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | No information available |
| Chemical Stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal use |
| Conditions to Avoid | No information available. |
| Incompatible Materials | strong oxidizing agents, strong acids, strong bases |
| Hazardous decomposition products | No information available |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

| | |
|---------------------|---------------------------|
| Inhalation | No information available. |
| Skin contact | No information available. |
| Ingestion | No information available. |

Component Analysis - LD50/LC50

| Chemical name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|--|--------------------------|-------------------------------------|
| Iodine 7553-56-2 | 14000 mg/Kg | | 137 ppm 4.588 mg/L |
| Sodium iodide 7681-82-5 | = 4340 mg/kg (Rat) | | |
| Citric acid 77-92-9 | = 3 g/kg (Rat) = 3000 mg/kg (Rat) | > 2000 mg/kg (rat) | |
| Sodium dioctyl sulfosuccinate 577-11-7 | = 1900 mg/kg (Rat) = 3080 mg/kg (Rat) | > 10000 mg/kg (Rabbit) | |
| Sodium Hydroxide 1310-73-2 | 140 - 340 mg/kg (Rat) | = 1350 mg/kg (Rabbit) | |
| Water 7732-18-5 | > 90 mL/kg (Rat) | | |
| Glycerol 56-81-5 | = 12600 mg/kg (Rat) | 21900 mg/kg (Rat) | > 570 mg/m ³ (Rat) 1 h |
| Polyethylene-polypropylene glycol 9003-11-6 | = 16 g/kg (Rat) = 5700 mg/kg (Rat) | | = 320 mg/m ³ (Rat) 4 h |
| Xanthan gum 11138-66-2 | | | |

Potential Health Effects

| | |
|--|---------------------------|
| Skin Corrosion/Irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |

| | |
|---|--|
| Mutagenic effects | No information available. |
| Carcinogenicity | Contains no ingredient listed as a carcinogen. |
| Reproductive Effects | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | Not hazardous. |
| Aspiration Hazard | No information available. |
| Information on likely routes of exposure | No known significant effects or critical hazards |
| Early onset symptoms related to exposure (Immediate effects) | None known |
| Delayed health effects from exposure | none known |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects Harmful to aquatic life.

| Chemical name | Algae/aquatic plants | Fish | Microtox | Waterflea |
|-------------------------------|----------------------|---|-----------------------|-----------------------------------|
| Iodine | | LC50 (96 h) 0.53 mg/L | | LC50 (48 h) 0.16 mg/L |
| Citric acid | | 1516: 96 h Lepomis macrochirus mg/L LC50 static | EC50 = 14 mg/L 15 min | 120: 72 h Daphnia magna mg/L EC50 |
| Sodium dioctyl sulfosuccinate | | 20 - 40: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 24: 96 h Oncorhynchus mykiss mg/L LC50 static 37: 96 h Lepomis macrochirus mg/L LC50 static | | 36: 48 h Daphnia magna mg/L EC50 |
| Sodium Hydroxide | | 45.4: 96 h Oncorhynchus mykiss mg/L LC50 static | | |
| Glycerol | | 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static | | 500: 24 h Daphnia magna mg/L EC50 |
| Xanthan gum | | | | |

Persistence and degradability No information available

| | |
|-------------------------------------|---|
| Bioaccumulation/Accumulation | No information available. |
| Mobility | No information available. |
| Other adverse effects | No information available |
| Biodegradation | Some ingredients of this material have some potential to biodegrade, but most ingredients have a limited potential to biodegrade or have not been tested. |

13. DISPOSAL CONSIDERATIONS

| | |
|-------------------------------|---|
| Waste Disposal Method | Dispose of in accordance with local regulations. |
| Contaminated Packaging | Empty containers should be taken for local recycling, recovery or waste disposal. |
| Personal precautions | Avoid contact with eyes. Use personal protective equipment. |

14. TRANSPORT INFORMATION

Road and Rail transport

| | |
|-----------------------------|---------------------------|
| UN-No | Not regulated |
| Proper Shipping Name | Not regulated |
| Technical name | Not regulated |
| Hazard Class | Not regulated |
| Packing Group | Not regulated |
| Environmental hazard | Not regulated |
| Special Precautions | Not regulated |
| Hazchem Code | No Hazchem Code allocated |

IMDG/IMO

| | |
|------------------------------|---------------|
| UN-No | Not regulated |
| Proper shipping name | Not regulated |
| Technical name | Not regulated |
| Hazard Class | Not regulated |
| Packing Group | Not regulated |
| IMDG Marine Pollutant | Not regulated |

IATA/ICAO

| | |
|-----------------------------|---------------|
| UN-No | Not regulated |
| Proper Shipping Name | Not regulated |
| Technical name | Not regulated |
| Hazard Class | Not regulated |
| Packing Group | Not regulated |

15. REGULATORY INFORMATION

| | |
|---|--------------------------|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | No information available |
|---|--------------------------|

Poison Schedule Number Schedule 6

APVMA Approval Number 65723

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| 16. OTHER INFORMATION |
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Belgium

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Reason for revision 5-Yearly revision (no changes required).

Disclaimer

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End of SDS