



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	DEPODINE™ Iodised Oil for Injection
Recommended use:	For the treatment and prevention of primary and induced iodine deficiency in sheep and cattle.
Company name:	Alleva Animal Health Limited
Address:	1/116a Harris Road, East Tamaki, Auckland, 2013, New Zealand
Telephone:	0064-9-4181405
Emergency telephone number:	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
Restrictions of Use	Refer to Section 15
ACVM Approval No	A007866
Date of SDS Preparation	2 September 2021 v2

SECTION 2: HAZARDS IDENTIFICATION

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Veterinary Medicine (Limited Pack Size, Finished Dose) Group Standard 2020 – HSR100757

Pictograms:



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Effects on or via lactation	H362	May cause harm to breast-fed children.



Specific target organ toxicity - repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure
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Prevention Code	Prevention Statement
P103	Read label before use.
P201	Obtain special instructions before use.
P260	Do not breathe fumes, vapours, spray.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

SECTION 3: COMPOSITION

Product form:	Liquid	
Product Components:		
Name	CAS	Proportion
Iodised Peanut oil containing 24-32% organically bound iodine	8001-40-9	< = 100% w/v

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	Skin Contact: Immediately remove all contaminated clothing, including
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	<p>footwear. Wash with water for 15 minutes. Wash contaminated clothing before reuse. Seek medical attention if irritation persists.</p> <p>Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</p> <p>Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>Inhalation: Remove patient to fresh air, avoid breathing vapours yourself. If not breathing apply resuscitation. Seek medical assistance.</p>
Most important symptoms and effects, both acute and delayed	<p>Symptoms:</p> <p>May cause an allergic skin reaction.</p> <p>Causes severe eye irritation.</p> <p>May cause harm to breast-fed children.</p> <p>Causes damage to organs through prolonged or repeated exposure.</p>
Notes for medical personnel:	No information available.

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	Non-flammable, combustible, non-explosive
Fire hazard properties:	Carbon monoxide (CO) Carbon dioxide (CO ₂)
Extinguishing media and methods:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use high volume water jet.
Hazchem code:	None allocated
Recommended protective clothing:	Fire fighters should wear self-contained breathing apparatus.



	Prevent fire extinguishing water from contaminating surface water or the ground water system.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing as detailed in Section 8. Restrict access to contaminated area.
Environmental Precautions:	Do not flush into surface water or sanitary sewer system.
Procedure for Spills:	Cover spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.
Procedure for Disposal:	Contaminated material must be disposed of at an approved landfill or other approved facility in accordance with local, regional and national requirements.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	<ul style="list-style-type: none">• Read label before use.• Obtain special instructions before use.• Do not breathe fumes, vapours, spray.• Avoid contact during pregnancy/while nursing.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.• Contaminated work clothing should not be allowed out of the workplace.• Wear protective clothing as detailed in Section 8.
Conditions for safe storage:	<ul style="list-style-type: none">• Store away from incompatible materials listed in Section 10.


SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

<p>Engineering controls:</p>	Use in well ventilated area
<p>Personal protection:</p> 	<p>Respiratory protection: In the case of vapour formation use a respirator with an approved filter.</p> <p>Hand protection: protective gloves for chemicals made of Baypren, nitrile rubber or PVC wear. Wear suitable protective equipment.</p> <p>Eye protection: Safety chemical goggles should be worn.</p>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to pale yellow liquid
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not applicable
Melting /Freezing Point	Not applicable
Freezing Point	Not applicable
Flash Point	Not available
Flammability	Not applicable
Upper and Lower Explosive Limits	Not applicable
Vapour Pressure	Not available
Vapour Density	Not applicable
Specific Gravity/Density	Not applicable
Solubility in water	Not available



Partition Coefficient:	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of storage and use
Conditions to avoid:	No specific conditions to avoid
Material to avoid:	None known.
Hazardous decomposition products:	Carbon monoxide (CO) Carbon dioxide (CO ₂)

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects:	<u>Product:</u> Acute toxicity (other routes of : LD50 (Rat): 92.500 mg/kg administration) Application Route: Intraperitoneal <u>Iodised Peanut oil containing 24-32% organically bound iodine :</u> Acute toxicity (other routes of : LD50 (Rat): 92.500 mg/kg administration) Application Route: Intraperitoneal
Swallowed Dermal Inhalation Eye Skin	Not applicable. Not applicable. Not applicable. Causes severe eye irritation. May cause an allergic skin reaction.
Chronic and long-term effects:	
Reproductive Systemic	May cause harm to breast-fed children.
Carcinogenicity	Not applicable.
Aspiration	Not applicable.
Germ Cell Mutagenicity	Not applicable.
STOT/RE	May cause damage to organs through prolonged or repeated exposure.



SECTION 12: ENVIRONMENTAL INFORMATION

This product is not hazardous to the environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Product disposal:	Preferably dispose of product by use in accordance with label directions. Otherwise dispose of product at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with product.
Container disposal:	Dispose of empty containers by wrapping in paper and putting in garbage for disposal at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with empty container.

SECTION 14: TRANSPORT INFORMATION

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

SECTION 15: REGULATORY INFORMATION



Regulatory status:	Veterinary Medicine (Limited Pack Size, Finished Dose) Group Standard 2020 – HSR100757
HSW (HS) Regulations 2017	Trigger Quantity
Signage Trigger Quantities (Schedule 3)	Not required
Emergency Response Plan (Schedule 5)	1000L
Secondary Containment (Schedule 5)	1000L
Tracking (Schedule 26)	Not required
Certified Handlers	Not required
Location Certificate	Not required
ACVM Act and Regulations	
ACVM Approval No See www.foodsafety.govt.nz for registration controls	A007866

SECTION 16: OTHER INFORMATION

Glossary

CAT Category

EC50 Median effective concentration.

EEL Environmental Exposure Limit.

EPA Environmental Protection Authority

HSNO Hazardous Substances and New Organisms.

HSW Health and Safety at Work.

LC50 Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.

LD50 Lethal dose to kill 50% of test animals/organisms.

LEL Lower explosive level.

OSHA American Occupational Safety and Health Administration.

TEL Tolerable Exposure Limit.

TLV Threshold Limit Value-an exposure limit set by responsible authority.

UEL Upper Explosive Level

WES Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 12th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017



This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. ALLEVA Animal Health Limited makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

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