



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	A10699
Date of SDS Preparation	11 October 2019

SECTION 2: HAZARDS IDENTIFICATION

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: Veterinary Medicine (Limited Pack Size, Finished Dose) Group Standard 2012 – HSR100757

Pictograms:



Irritant



Chronic

Signal Word: **Warning**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E (oral)	H303	May be harmful if swallowed.	Acute Tox. 5
6.1E (dermal)	H313	May be harmful in contact with skin.	Acute Tox. 5



6.1E (inh)	H333	May be harmful if inhaled.	Acute Tox. 5
6.3B	H316	Causes mild skin irritation.	Skin Irrit. 3
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
6.5B	H317	May cause an allergic skin reaction.	Skin Sens. 1
6.8C	H362	May cause harm to breast-fed children.	Lact.
6.9B	H371	Causes damage to organs.	STOT RE 2
9.1D	H402	Toxic Harmful to aquatic life.	Aquatic Chronic 4

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood
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.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
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/w

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	<p>Skin Contact: Immediately remove all contaminated clothing, including 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: May be harmful if swallowed, inhaled or if in contact with skin. Causes mild skin irritation. May cause an allergic skin reaction. Causes severe eye irritation.</p> <p>May cause harm to breast-fed children. 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.

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
---------------------------------------	--

	<ul style="list-style-type: none"> 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. Avoid release to the environment. Wear protective clothing as detailed in Section 8.
Conditions for safe storage:	<ul style="list-style-type: none"> Keep out of reach of children. 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 2017 9TH EDITION.

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

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:	<p><u>Product:</u> Acute toxicity (other routes of administration): LD50 (Rat): 92.500 mg/kg administration) Application Route: Intraperitoneal</p> <p><u>Components:</u> <u>Iodised Peanut oil containing 24-32% organically bound iodine :</u> Acute toxicity (other routes of administration): LD50 (Rat): 92.500</p>
-----------------------	--



	mg/kg administration) Application Route: Intraperitoneal
Swallowed Dermal Inhalation Eye Skin	May be harmful if swallowed. May be harmful if in contact with skin. May be harmful if inhaled. Causes severe eye irritation. Causes mild skin 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	Causes damage to organs.

SECTION 12: ENVIRONMENTAL INFORMATION

HSNO Classes: 9.1D= Harmful to aquatic life.

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

Do not allow to enter waterways or sewerage.

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

International Regulations
IATA-DGR
Not regulated as a Dangerous Good

IMDG-Code
Not regulated as a Dangerous Good

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 2012 – HSR100757
HSW (HS) Regulations 2017	Trigger Quantity
Signage Trigger Quantities (Schedule 3)	10 000L (9.1D)
Emergency Response Plan (Schedule 5)	10 000L (9.1D)
Secondary Containment (Schedule 5)	10 000L (9.1D)
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	A10699

SECTION 16: OTHER INFORMATION

Glossary
 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 2017 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.

® Registered trademark of Alleva Animal Health Limited.

Issued Date: 11 October 2019

Review Date: 11 October 2024