



# MATERIAL SAFETY DATA SHEET

## AHD Iodine Animal Wash

Issue date: 21 December 2016 Review date: 10 September 2024

### **SECTION 1: SUBSTANCE IDENTIFICATION AND SUPPLIER**

Product name: AHD Iodine Animal Wash

Product class: Iodine wash for animals

Recommended Use: As a routine wash it adds sheen to the coat and helps prevent the development of unwanted skin conditions. Aids in the treatment of non-specific dermatoses and ringworm in all species and mud fever in horses.

Restriction of Use: Refer to Section 15

Company identification Address:  
1229 Maraekakaho Road  
Hastings 4175  
New Zealand  
Phone (06) 873 3611

Poisons Information Centre: 0800-764-766

### **SECTION 2: HAZARD IDENTIFICATION**

**This product is generally recognized as safe (non-hazardous) in this form and at this strength.**

This ready to use product is a low foam iodine-based coat wash and general skin conditioner.

This is the products **end** use.

#### **HAZARD LABELLING WARNING**

N/A

#### **HAZARD CLASSIFICATION AND STATEMENTS**

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
N/A				
N/A				

### **SECTION 3: COMPOSITION INFORMATION**

#### **COMPOSITION**

NAME	CAS NUMBER	% w/w	HAZARDOUS
Water	7732-18-5	>60	No
Alcohol ethoxylated iodine complex	68439-47-4	<10	acute oral, dermal and inhalation toxicity Category 4 skin sensitisation Category 1; specific target organ toxicity – single exposure Category 2; skin corrosion Category 1B; serious eye damage Category 1; hazardous to the aquatic environment chronic Category 2; hazardous to terrestrial vertebrates

**SECTION 4: FIRST AID MEASURES**

## ROUTES OF EXPOSURE:

- 4.1 **If in Eyes:** Rinse cautiously with water for 15 minutes. 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.
- 4.2 **If on Skin:** Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention.
- 4.3 **If Swallowed:** Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs.
- 4.4 **If Inhaled:** Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**SECTION 5: FIRE FIGHTING MEASURES****Information on ecological effects:**

Flora:	No data.
Oral LD <sub>50</sub> (rat):	>4640 mg/kg
Dermal LD <sub>50</sub> (rat):	>10,000 mg/kg
Inhalation LC <sub>50</sub> (rat):	>2.9mg/L/4 hours
Fish:	Toxic
Birds:	No data
Soil:	No data
Water:	Do not allow product to enter wastewater, rivers or creeks.

- 5.1 **Hazard Type** None known
- 5.2 **Hazards from combustion products** None known
- 5.3 **Suitable Extinguishing media** Use media suitable for surrounding materials.
- 5.4 **Precautions for firefighters and special protective clothing** Wear full protective gear.
- 5.5 **Hazchem Code** 1T

**SECTION 6: ACCIDENTIAL RELEASE MEASURES**

- 6.1 **For bulk spillages:** Wear protective equipment as detailed in Section 8.
- 6.2 **Absorb with sand or inert material.** Place in a flame-proof container for disposal. Do not allow to enter waterways
- 6.3 **Dispose of according to Local Regulations.**

**SECTION: 7 HANDLING AND STORAGE****7.1 Precautions for Handling in bulk:**

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing.

**7.2 Precautions for Storage in bulk:**

- Store away from incompatible materials listed in Section 10.
- Keep containers securely sealed.
- Store in a cool, dry and well-ventilated area.
- Protect containers against physical damage.
- Keep away from naked flame and avoid temperatures over 30 degrees Celsius.
- Check regularly for spills and leaks.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION****WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	Ppm	mg/m3	Ppm	mg/m3
Ethyl alcohol [64-17-5]	1,000	1,880	-	-
Vapour & particulates	150	474	-	-

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.

**Engineering Controls**

Ensure that ventilation maintains dust levels below WES.

**Personal Protection Equipment**

**Eyes:** Wear goggles with side shields for bulk uses. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

**Hands and Skin:** Gloves are recommended for bulk uses.

**Respiratory:** Not required.

**SECTION 9: PHYSICAL DESCRIPTION / PROPERTIES**

Appearance:	Dark brown viscous liquid
Odour:	Not applicable
Odour threshold:	Not applicable
pH:	2.5-5.5
Boiling point:	Not applicable
Melting point:	Not applicable
Freezing Point:	Not applicable
Flash Point:	Not known
Flammability:	Not applicable
Upper and lower explosive limits:	Not known
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Specific Gravity	0.95-1.05
Solubilities:	Not applicable
Partition coefficient:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics:	Not applicable

**SECTION 10: STABILITY AND REACTIVITY**

10.1 Stability: This product is stable under normal conditions.

10.2 Conditions to Avoid: Avoid freezing. Avoid temperatures above 30 degrees Celsius.

10.3 Incompatible Materials: None known.

10.4 Hazardous Decomposition Products: No Hazardous products are expected.

**SECTION 11: TOXICOLOGICAL INFORMATION****ACUTE EFFECTS:**

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe eye irritation.
Skin	Not applicable.

**CHRONIC EFFECTS:**

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

**SECTION 12: ECOLOGICAL INFORMATION**

This product is considered harmful to aquatic life with long lasting effect.

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 INFORMATION**

13.1 Disposal Method: Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations.

13.2 Precautions: Ensure Waste container containing recovered product is labelled "Hazardous Waste – Ecotoxic". If triple rinsing container, add rinsate to waste container for disposal.

13.3 Disposal methods to avoid: Do not allow to enter waterways.

### **SECTION 14: TRANSPORT INFORMATION**

This product is not classified as Dangerous Good for transport under NZ 5433: 2012

### **SECTION 15: REGULATORY INFORMATION**

EPA Approval Code: – HSR003717

HSNO Classification: 6.3A,6.4A, 6.5B, 9.1B

HSNO Controls: Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	>1000L
Emergency Response Plan	>1000L
Secondary Containment	>1000L
Restriction of Use	None

## **SECTION 16: OTHER INFORMATION**

### **Glossary**

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it
LD <sub>50</sub>	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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

### **DISCLAIMER**

*The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.*