



MATERIAL SAFETY DATA SHEET

AHD Iodine Animal Wash

Issue date: December 21, 2016 Review date: 21 December 2021

Company address: Animal Health Direct Ltd
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Emergency Tel. no.:
Poisons Information Centre: 0800-764-766
Or CHEMCALL 0800-243-622

SECTION 1: IDENTIFICATION OF THE MATERIAL

1.1 Product Identifier

- 1.10 Product name: AHD Iodine Animal Wash
- 1.11 Correct shipping name: AHD Iodine Animal Wash
- 1.12 Other names: Not applicable

SECTION 2: HAZARD IDENTIFICATION

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001
EPA Approval No: HSR003717

Pictograms



Signal Word: DANGER

| HSNO Classification | Hazard Code | Hazard Statement | GHS Category |
|---------------------|-------------|--------------------------------------------------------------|--------------|
| 6.3A | H315 | Irritating to the skin. | Category 2 |
| 6.4A | H319 | Causes serious eye irritation. | Category 2A |
| 6.5B | H317 | Contact sensitisers. | Category 1 |
| 9.1B | H411 | Very ecotoxic in the aquatic environment (fish/crustaceans). | Category 2 |

| Prevention Code | Prevention Statement |
|-----------------|-------------------------------------|
| P103 | Read label before use. |
| P273 | Avoid release into the environment. |

| Response Code | Response Statement |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P303 + P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P305 + P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P370 + P378 | In case of fire: Use media for surrounding fires for extinction. |

| Storage Code | Storage Statement |
|--------------|-------------------|
| None | None |

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | Wt% | CAS NUMBER |
|-----------------------------------------------------------------------------------------------|------------|-----------------------------------------|
| Ammonium nonylphenol ether sulfate branched; ethanol; water; ethoxylated nonylphenol branched | 15-20 | 68649-55-;64-17- 5;7732-18-5;68412-54-4 |
| PVP Iodine | 7.5 | 25655-41-8 |
| Deionised Water & Non-hazardous ingredients | To balance | 7732-18-5 |

SECTION 4: FIRST AID MEASURES

Routes of Exposure:

- 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.
- 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.
- 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.
- 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 ₅₀ (rat): | >4640 mg/kg |
| Dermal LD ₅₀ (rat): | >10,000 mg/kg |
| Inhalation LC ₅₀ (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. |

| | |
|---------------------------------------------------------------------|-----------------------------------------------|
| Hazard Type | None known |
| Hazards from combustion products | None known. |
| Suitable Extinguishing media | Use media suitable for surrounding materials. |
| Precautions for firefighters and special protective clothing | Wear full protective gear |
| HAZCHEM CODE | IT |

SECTION 6: ACCIDENTAL RELEASE MEASURE**For bulk spillages:**

Wear protective equipment as detailed in Section 8.

Absorb with sand or inert material. Place in a flame-proof container for disposal. Do not allow to enter waterways.

Dispose of according to Local Regulations.

SECTION 7: HANDLING AND STORAGE**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.

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 CONTROLS / 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 AND CHEMICAL 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

| | |
|----------------------------------|--------------------------------------------------------------|
| Stability of Substance | This product is stable under normal conditions. |
| Conditions to Avoid | Avoid freezing. Avoid temperatures above 30 degrees Celsius. |
| Incompatible Materials | None known. |
| 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: ECOTOXICOLOGICAL 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 CONSIDERATIONS

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

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

Disposal methods to avoid: Do not allow to enter waterway

SECTION 14: TRANSPORT INFORMATIONS

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:

| | Trigger Quantity |
|-----------------------------|------------------|
| 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**

| | |
|------|-----------------------------------------------------------------------------------------|
| EC50 | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority. |
| HSNO | Hazardous Substances and New Organisms. |
| 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. |

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

DISCLAIMER

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