
SAFETY DATA SHEET

Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

Product Name:	Trivetrim[®] Injection
Product Code:	60250 (100 mL)
Recommended Use:	For the treatment of infections caused by organisms sensitive to trimethoprim and sulfadoxine in cattle, sheep, pigs, horses, cats and dogs.
Company Identification:	Jurox Pty Limited
Address:	85 Gardiner Street Rutherford NSW 2320 Australia
Email:	customerservice@jurox.com.au
Customer Centre:	1800 023 312
National Poisons Information Centre:	131126 (Australia-wide)
Emergency Telephone Number:	1800 023 312 (9a.m. – 5p.m.)

Section 2: HAZARDS IDENTIFICATION

GHS Hazard Classifications: Eye Irritation Category 2A
Reproductive Toxicity Category 1B
Skin Corrosion/Irritation Category 2
Skin Sensitizer Category 1
STOT – SE Category 3

GHS Pictograms:

Exclamation mark



Health hazard

Signal Word:* **Danger**

Hazard Statements:*

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360	May damage fertility or the unborn child.

Precautionary Statements:*

Prevention	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing vapours.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves e.g. PVC or vinyl and protective eyewear e.g. Safety glasses with eye side shields or chemical goggles.
P281	Use personal protective equipment as required.

Response

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

continued

P308+P313 IF exposed or concerned: Get medical advice.
 P312 Call a POISON CENTRE or doctor if you feel unwell.
 P333+P313 If skin irritation or rash occurs: Get medical advice.
 P337+P313 If eye irritation persists: Get medical advice.
 P363 Wash contaminated clothing before reuse.

Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/national regulations.

* N.B.: These statements are determined by Work Health and Safety regulations and may not reflect Signal Headings and First Aid and Safety statements on product labelling, which are determined by a competent authority during assessment for registration.

Section 3: COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	CAS No.	CONTENT
Sulfadoxine	2447-57-6	20%
Trimethoprim	738-70-5	4%
Water	7732-18-5	>60%

Section 4: FIRST AID MEASURES

First Aid Measures: Consult the National Poisons Centre on 131126 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have product container or label at hand.

Inhalation: If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually not necessary.

Ingestion: IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY. For advice contact a Poisons Information Centre or a doctor. Urgent hospital treatment is likely to be needed. Where medical attention is not immediately available, induce vomiting with fingers down the back of the throat, ONLY IF CONSCIOUS. May cause an allergic reaction in certain individuals.

Skin: If skin contact occurs, immediately remove all contaminated clothing, including footwear. Wash affected area thoroughly with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.

Eye: If eye contact occurs, rinse cautiously with water for at least 20 minutes. If eye irritation persists, get medical advice/attention.

Injection: Treat as for needle-stick injury. Wash area well and disinfect. If other symptoms are evident, seek medical advice.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flash Point: Non-flammable.

Hazardous Combustion Products: If involved in a fire, may emit noxious fumes. Non-combustible – not considered to be a significant fire risk.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Protective Equipment: Protective gloves and boots and breathing apparatus.

HAZCHEM Code: None specified.

Section 6: ACCIDENTAL RELEASE MEASURES

- Spills and Disposal:** Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and sweep up / absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Ventilate area and wash spill site after pick-up complete. Dispose of waste safely.
- Protective Clothing:** For appropriate personal protective equipment see section 8.
- Environmental Precautions:** If contamination of drains and waterways occurs, advise Emergency Services.

Section 7: HANDLING AND STORAGE

- Handling:** Avoid all personal contact, including inhalation. Use personal protective equipment as required.
- Storage:** Trivetrin[®] Injection is a Scheduled Poison (S4) and therefore must be stored and maintained in accordance with the relevant State Poisons Act. Store in original container, away from foodstuffs. Store below 25^oC (room temperature). Protect from light.
- Other Information:** Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This MSDS describes personal protective measures relating to long term industrial and manufacturing exposure and emergency situations, such as accidents and spills. See product label for personal protective measures during normal use of the marketed product.

- Exposure Limits:** No exposure limits have been assigned for this product. Do not handle until all safety precautions have been read and understood.
- Protective Equipment:** Safety glasses with eye side shields or chemical goggles. Chemical protective gloves, e.g. PVC. Safety footwear or safety gumboots, e.g. rubber.
- Engineering Controls:** Handle in a well ventilated area.
- Hygiene Precautions:** Do not drink, eat or smoke when handling this product. Wash hands after use. Care is required to avoid accidental self-injection.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale yellow liquid.	Lower flammability limits:	No data.
Odour:	No data.	Vapour Pressure:	No data.
Odour threshold:	No data.	Vapour density:	No data.
pH:	9 – 10.5	Relative density:	Not applicable.
Melting Point:	Not applicable.	Specific Gravity:	1.23 – 1.25
Boiling Point:	No data.	Solubility in Water:	Miscible.
Flash Point:	No data.	Partition coefficient:	No data.
Evaporation Rate:	No data.	Auto-ignition temperature:	No data.
Flammability:	Non-flammable.	Decomposition temperature:	Not applicable.
Upper flammability limits:	No data.	Viscosity:	No data.

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation within the expiry period shown on the label.
Hazardous Polymerisation:	Not known to occur.
Materials to Avoid:	None known.

Section 11: TOXICOLOGICAL INFORMATION

Inhalation:	Not normally a hazard due to the non-volatile nature of the product.
Ingestion:	Ingestion of this material may be harmful to the health of the individual. Sulfonamides and their derivatives can cause extensive kidney damage, and destroy red blood cells. Trimethoprim can cause disturbance in the production of blood cells Sulfadoxine: (oral) LD ₅₀ : 5200 mg/kg (mouse). Trimethoprim: (oral) LD ₅₀ : 2764 mg/kg (mouse).
Skin:	Classified as skin irritant. Can cause sensitisation in certain individuals.
Eye:	Classified as an eye irritant.
Injection:	Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness, swelling), to acute systemic reaction. Can cause sensitisation in certain individuals. Sulfadoxine: (intraperitoneal) LD ₅₀ : 2900 mg/kg (mouse). Trimethoprim: (intraperitoneal) LD ₅₀ : 500 mg/kg (mouse).
Chronic Effects:	Exposure to this material for prolonged periods may cause sensitisation in certain individuals.
Reproductive Toxicity:	Exposure to this material for prolonged periods may cause physical defects in the developing embryo.
Mutagenicity:	Trimethoprim has been shown to be mutagenic in at least one assay.
Carcinogenicity:	Not known to be carcinogenic.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Sulfadoxine	HIGH	No data available	LOW	MED
Trimethoprim	HIGH	No data available	LOW	MED

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or by approved waste collection.
Container Disposal:	Wrap with paper and place in garbage.

Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification:	Not classified as a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.
HAZCHEM Code:	None specified.

Section 15: REGULATORY INFORMATION

Poisons Schedule: S4
APVMA Registration No: 36308

Section 16: OTHER INFORMATION

This information is based on data believed by Jurox Pty Limited to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Jurox Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein does so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

This SDS **supercedes the version created on 29 January 2008** and updates the format as per the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, published by Safe Work Australia.

Legend

CAS No. means a unique number assigned to a chemical by the Chemical Abstracts Service.

GHS means the 'Globally Harmonized System of Classification and Labelling of Chemicals, 3rd Revised Edition', published by the United Nations.

LD₅₀ means the median lethal dose, which represents the single dose of a substance that can be expected to cause death in 50% of animals.

PVC means Polyvinyl chloride.

STOT – SE means Specific Target Organ Toxicity – Single Exposure.

References

ChemID PlusLite, <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>, entry for Sulfadoxine (RN: 2447-57-6) and Trimethoprim (RN: 738-70-5).

Hazardous Substances Data Bank (HSDB), <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB> entry for TRIMETHOPRIM (CASRN: 738-70-5)

This version issued: 04 July 2017 and is valid for 5 years from this date.

Supercedes: This SDS supercedes the version issued on 29 June 2012.

Revision History:

Date of Revision	Reason
04 July 2017	Five year update. New email address.

END OF SDS