

SAFETY DATA SHEET**Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY**

Product Name:	Triamolone Forte Injection
Product Code:	61000 (10 mL)
Recommended Use:	For the suppression of inflammation in dermatological disorders and arthritic conditions in dogs, cats and horses.
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 (Monday – Friday, 9a.m. – 5p.m.)

Section 2: HAZARDS IDENTIFICATION

Hazard Classifications: Considered a Hazardous Substance according to the criteria of GHS.
Not considered a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.

GHS Hazard Classification:*

GHS Category	Hazard code	Hazard Statement
Reproductive Toxicity Category 1B	H360	May damage fertility or the unborn child.

GHS Pictograms:**Health hazard****Signal Word:*** DANGER**Precautionary Statements:*****Prevention**

- P201 Obtain special instructions before use.
P281 Use personal protective equipment as required.

Response

- P308+P313 IF exposed or concerned: Get medical advice/attention.

Storage

- 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
Benzyl alcohol	100-51-6	<10%
Triamcinolone acetonide	76-25-5	0.6%
Water	7732-18-5	>60%
Other non-hazardous ingredients	-	10 - <30%

Section 4: FIRST AID MEASURES

- General information:** Consult the National Poisons Centre on 13 1126 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, immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
- 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:** Contains Triamcinolone acetonide, a corticosteroid. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

- Flash Point:** Not available.
- 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.
- Special Hazards:** **Fire Incompatibility:** None known.
- HAZCHEM:** Not Applicable.

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. DO NOT allow material to contact humans, exposed food or food utensils.
- Storage:** Triamolone Forte 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°C (room temperature). Protect from light. Keep out of reach of children.
- Other Information:** Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This SDS 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

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| Appearance: | White suspension in a clear, colourless liquid. | Lower flammability limits: | No data. |
| Odour: | No data. | Vapour Pressure: | No data. |
| Odour threshold: | No data. | Vapour density: | No data. |
| pH: | 5.0 – 7.0. | Relative density: | Not applicable. |
| Melting Point: | Not applicable. | Specific Gravity: | No data. |
| 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

- Reactivity:** This product is unlikely to react or polymerise under normal storage conditions.
- Stability:** When stored appropriately this product should show no significant degradation within the expiry period shown on the labelling.
- Conditions to Avoid:** Extreme temperatures.
- Incompatible Materials:** None known.
- Hazardous Decomposition Products:** Decomposes on heating and may produce toxic/ irritating fumes.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	<p>Inhalation: Not normally a hazard due to the non-volatile nature of the product. The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum.</p> <p>Benzyl alcohol: (Inhalation) LC50: 2000 ppm/8hr (rat).</p> <p>Ingestion: The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". However based on limited evidence, the mixture may result in nausea, vomiting and diarrhoea.</p> <p>Triamcinolone acetonide: (oral) LD₅₀: 5000 mg/kg (mouse); (oral) LD₅₀: 1451 mg/kg (rat).</p> <p>Benzyl alcohol: (oral) LD₅₀: 1230 mg/kg (rat).</p> <p>Dermal: No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be acutely toxic by the dermal route.</p> <p>Benzyl alcohol: (Dermal) LD₅₀: 2000 mg/kg (rabbit).</p>
Skin Irritation/ Corrosion:	<p>The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum. Not classified as skin irritant.</p> <p>Benzyl alcohol: Skin (rabbit): 10 mg/24h open-mild; Skin (man): 16 mg/48h-mild.</p>
Serious Eye Damage/ Irritation:	<p>Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn). Not classified as an eye irritant.</p> <p>Benzyl alcohol: Eye (rabbit): 0.75 mg open SEVERE.</p>
Respiratory or Skin Sensitisation:	<p>No data for the mixture is available. Based on available data for the ingredients, the mixture is not classified as a skin sensitiser or a respiratory sensitiser.</p>
Injection:	<p>Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness, swelling), to acute systemic reaction.</p> <p>Triamcinolone acetonide: (intraperitoneal) LD₅₀: 105 mg/kg (mouse).</p>
Chronic Effects:	<p>Ample evidence exists, that developmental disorders are directly caused by exposure to Triamcinolone acetonide.</p>
Mutagenicity:	<p>No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be mutagenic.</p>
Carcinogenicity:	<p>No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be carcinogenic.</p>
Reproductive Toxicity:	<p>Based on available data for ingredients, the mixture is classified as Reproductive Toxicity Category 1B - May damage fertility or the unborn child. Glucocorticoids may cause foetal damage when administered to pregnant women. Effects on fertility have been recorded.</p>
STOT – Single Exposure:	<p>No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after single exposure.</p>
STOT - Repeat exposure:	<p>No data for the mixture is available. Based on available data for the ingredients, the mixture is not considered to be a specific target organ toxicant after repeated exposure but exposure to the material for prolonged periods may cause physical defects in the developing embryo (teratogenesis).</p>

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Based on available data for the ingredients, the mixture is not classified as Ecotoxic to the environment. However, DO NOT discharge the mixture into sewer or waterways.

Triamcinolone acetonide: Fish: LC50 (96 h): 23.137mg/L;
 Algae or other aquatic plants: EC50 (96 h): 26.095mg/L.
 Benzyl alcohol: Fish: LC50 (96 h): 10mg/L.

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Triamcinolone acetonide	High	High	Low	Low
Benzyl alcohol	Low	Low	Low	Low

Section 13: DISPOSAL INFORMATION

Product Disposal: Dispose of product only by using according to APVMA approved 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.

Section 15: REGULATORY INFORMATION

Poisons Schedule: S4

APVMA Registration No: 36222

ACIS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredient: Triamcinolone acetonide is mentioned in SUSMP.

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.

Legend:

- ADG** Australian Code for the Transport of Dangerous Goods by Road & Rail, 7th Edition.
- AICS** Australian Inventory of Chemical Substances.
- APVMA** Australian Pesticides and Veterinary Medicines Authority.
- CAS No.** Chemical Abstracts Service Registry Number.
- EPA** Environmental Protection Authority.
- GHS** Globally Harmonized System of Classification and Labelling of Chemicals.
- Hazchem Code** Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
- LD₅₀** The median lethal dose, being a statistically derived single dose of a substance that can be expected to cause death in 50% of animals.
- NICNAS** National Industrial Chemicals Notification and Assessment Scheme.
- PPE** Personal Protective Equipment.
- PVC** Polyvinyl Chloride.
- SDS** Safety Data Sheet.
- STOT** Specific Target Organ Toxicity.
- SUSMP** Standard for the Uniform Scheduling of Medicines and Poisons.

References

ChemID PlusLite, <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>, entry for Triamcinolone acetonide (RN: 76-25-5).

Hazardous Substances Data Bank (HSDB), <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB> entry for TRIAMCINOLONE (CASRN: 124-94-7).

Environmental Protection Authority, HSNO Chemical Classification and Information Database (CCID).

This version issued: 31 July 2017 and is valid for 5 years from this date.

Supersedes: This SDS supersedes the version issued on 13 August 2012.

Revision History:

Date of Revision	Reason
31 July 2017	Updates to section 1, 2, 3, 4, 5, 7, 10, 11, 12, 13 & 15; Updates to Legend and addition of Revision History in Section 16.

END OF SDS