


Section 1: Identification

Common Name/Trade Name	TRIAMCINOLONE ACETONIDE	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	9-Fluoro-11 β ,21-dihydroxy-16-a, 17-a-isopropylidenedioxypregna-1,1-diene-3,20-dione	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Reproductive toxicity (Category 2)	
Signal Word	Warning	
Hazard Statement(s)	H361d Suspected of damaging the unborn child	
Pictogram(s)		
Precautionary Statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P281 Use personal protective equipment as required. P308+P313 IF exposed or concerned Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.	
Hazards Not Otherwise Classified	The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bio-accumulative. (vPvB). The substance does not have endocrine-disrupting properties.	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Triamcinolone Actonide
Common Name	Triamcinolone Acetonide
CAS Number	76-25-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Indication of any immediate medical attention and special treatment needed Treat symptomatically.
If Inhaled	Take the subject to fresh air. If breathing is difficult, call a doctor right away.
In Case of Skin Contact	Take off contaminated clothing. Wash thoroughly with soap and water. If irritation persists, consult a physician. Wash the contaminated garments before reusing them.
In Case of Eye Contact	Remove any contact lenses. Wash immediately and abundantly with lukewarm water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists.
If Swallowed	Get medical attention immediately. Induce vomiting only on medical advice. Do not administer anything by mouth if the subject is unconscious and if not authorized by the doctor.
Most Important Symptoms and Effects	Suspected of damaging the unborn child. INGESTION: possible abdominal and stomach pain. INHALATION EXPOSURE: possible mucous membranes and upper breathing intakes irritation. CONTACT WITH SKIN: possible redness. CONTACT WITH EYES: possible burning sensation, redness of conjunctiva.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
Special Hazards Arising From the Substance/Mixture	Do not breathe combustion products. In case of thermal decomposition related to the effect of high temperatures may develop toxic substances for human health: CO _x and HF principally.
Special PPE and/or Precautions for Firefighters	Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137). Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	If there are no contraindications, spray powder with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.
Methods and Materials Used for Containment	If there are no contraindications, spray powder with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.
Cleanup Procedures	Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

Section 7: Handling and Storage

Precautions for Safe Handling	Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.
Conditions for Safe Storage	Store only in the original container. Store the containers sealed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	TWA/8h mg/m ³ 0,00022
Appropriate Engineering Controls	As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE-marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station. The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.
PPE - Eye/Face Protection	Wear airtight protective goggles (see standard EN 166).
PPE - Skin Protection	HAND PROTECTION Handle with gloves. Gloves must be checked before use. Use proper glove removal technique (without touching the outer surface of the glove) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with current legislation and good laboratory practices. Wash and dry your hands. The selected protective gloves must meet the requirements of directive (EU) 2016/425 and the resulting standard EN 374. Full contact Material: Nitrile rubber minimum thickness: 0.11 mm Breakthrough time: 480 min Spray contact Material: Nitrile rubber minimum thickness: 0.11 mm Breakthrough time: 480 min. Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
PPE - Body Protection	Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
PPE - Respiratory Protection	If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a type FFP3 facemask, unless indicated otherwise in the chemical risk assessment. (see standard EN 149). Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

Section 9: Physical and Chemical Properties

Appearance	Powder, white or almost white
Upper/Lower Flammability or Explosive Limits	No data available
Odor	mild
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	1,3 g/cm ³
Melting Point/Freezing Point	292 C
Solubility	Water solubility: Insoluble
Initial Boiling Point and Boiling Range	576,9°C
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	Not flammable
Partition Coefficient	(n-octanol/water) 2,53
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	There are no particular risks of reaction with other substances in normal conditions of use.
Chemical Stability	The product is stable under normal conditions of use and storage.
Possibility of Hazardous Reactions	Dusts are potentially explosive when mixed with air.
Conditions to Avoid	Avoid exposure to: air, heat, light, humidity.
Incompatible Materials	Avoid contact with: strong oxidizing agents.
Hazardous Decomposition Products	In the event of thermal decomposition due to the effect of high temperatures, substances that are harmful to human health can develop: mainly CO _x .

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Does not meet the classification criteria for this hazard class
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	Does not meet the classification criteria for this hazard class
Skin Corrosion/Irritation	Does not meet the classification criteria for this hazard class
Serious Eye Damage/Irritation	Does not meet the classification criteria for this hazard class
Respiratory or Skin Sensitization	Does not meet the classification criteria for this hazard class
Germ Cell Mutagenicity	Does not meet the classification criteria for this hazard class Triamcinolone acetonide was not mutagenic following the bacterial inversion mutation assay on Salmonella (Ames test) and the chromosome aberration assay performed on Chinese hamster ovarian cells.[7]
Carcinogenicity IARC	Does not meet the classification criteria for this hazard class Following a two-year study on Sprague-Dawley rats, triamcinolone acetonide did not result in an increase in tumor incidence at oral doses of 1 and 3 mcg/kg (below the maximum daily dose Intranasal recommended in relation to the surface expressed in mcg/m ²).[7]
Carcinogenicity ACGIH	Does not meet the classification criteria for this hazard class Following a two-year study on Sprague-Dawley rats, triamcinolone acetonide did not result in an increase in tumor incidence at oral doses of 1 and 3 mcg/kg (below the maximum daily dose Intranasal recommended in relation to the surface expressed in mcg/m ²).[7]
Carcinogenicity NTP	Does not meet the classification criteria for this hazard class Following a two-year study on Sprague-Dawley rats, triamcinolone acetonide did not result in an increase in tumor incidence at oral doses of 1 and 3 mcg/kg (below the maximum daily dose Intranasal recommended in relation to the surface expressed in mcg/m ²).[7]
Carcinogenicity OSHA	Does not meet the classification criteria for this hazard class Following a two-year study on Sprague-Dawley rats, triamcinolone acetonide did not result in an increase in tumor incidence at oral doses of 1 and 3 mcg/kg (below the maximum daily dose Intranasal recommended in relation to the surface expressed in mcg/m ²).[7]
Reproductive Toxicity	Suspected of damaging the unborn child Triamcinolone acetonide was teratogenic in rats, rabbits and monkeys. In rats, triamcinolone acetonide has been shown teratogenically at doses administered by inhalation of 20 mcg/kg and above (approximately 7/10 of the intranasal dose recommended in adults in relation to the surface expressed as mcg / m ²). In monkeys, triamcinolone acetonide has been shown to be teratogenic in relation to doses administered by inhalation equal to 500 mcg / kg and above (approximately 37 times the recommended dose in adults in relation to the surface expressed as mcg/m ²). Dosage-correlated teratogenic effects in rats and rabbits include palatoschisis, internal hydrocephaly, or both axial skeletal defects, while effects observed in the monkey have been cranial malformations. [7]
Specific Target Organ Toxicity - Single Exposure	Does not meet the classification criteria for this hazard class
Specific Target Organ Toxicity - Repeated Exposure	Does not meet the classification criteria for this hazard class
Aspiration Hazard	Does not meet the classification criteria for this hazard class

Section 12: Ecological Information

Toxicity	Information not available
Persistence and Degradability	NOT rapidly degradable
Bio-accumulative Potential	Information not available
Mobility in Soil	Information not available
Other Adverse Effects	Information not available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.
Waste Treatment Methods Packaging	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	No data available

Section 15: Regulatory Information

Substances in Candidate List (Art. 59 REACH) On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.

Section 16: Other Information

Additional Information	N/A
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