

MATERIAL SAFETY DATA SHEET

TRIAMCINOLONE ACETONIDE

PADDOCK LABORATORIES, INC. 3940 QUEBEC AVENUE NORTH MINNEAPOLIS, MINNESOTA 55427 PHONE: (763)-546-4676	EMERGENCY ASSISTANCE: CHEMTREC 800-424-9300 202-483-7616 PADDOCK TECH. ASST. 800-328-5113
--	---

DATE PREPARED: 2-13-90 BY: Patrick L. Johnson

SECTION 1 - PRODUCT IDENTIFICATION AND HAZARDOUS COMPONENTS

PRODUCT: Triamcinolone Acetonide USP

CHEMICAL NAME: 9-Alpha-fluoro-16-alpha-hydroxyprednisolone-16-alpha,17-alpha-acetonide.

MOLECULAR FORMULA: $C_{24}H_{31}FO_6$ MOLECULAR WEIGHT: 434.49

CHEMICAL FAMILY: Glucocorticoid

<u>INGREDIENT (CAS #)</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Triamcinolone acetonide (76-25-5)	100	N/A	N/A

SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A VAPOR PRESSURE: N/A

MELTING POINT: 292-294°C VAPOR DENSITY: N/A

SPECIFIC GRAVITY: N/A EVAPORATION RATE: N/A
(WATER = 1) (BUTYL ACETATE = 1)

WATER SOLUBILITY: Slight. WATER REACTIVE: No.

APPEARANCE AND ODOR: White to cream colored, crystalline powder with a slight acetic odor.

SECTION 3 - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS: LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May produce toxic fumes if heated to decomposition.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable (X) Unstable ()

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce toxic fumes if heated to decomposition.

HAZARDOUS POLYMERIZATION: May Occur () Will Not Occur (X)

SECTION 5 - HEALTH HAZARD DATA

TOXICITY: LD50: (Rat) >500mg/kg

CARCINOGEN LISTED BY:	NTP	Yes ()	No (X)
	IARC	Yes ()	No (X)
	OSHA	Yes ()	No (X)
	Other	Yes ()	No (X)

ROUTES OF ENTRY: Inhalation, ingestion, absorption, contact.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

INHALATION: May cause respiratory tract irritation or allergic reaction.

EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause irritation or allergic reaction.

INGESTION: May cause irritation of gastrointestinal tract, possible allergic reaction, suppression of adrenal gland secretion, Cushing's syndrome, water retention, electrolyte imbalance, and/or hyperglycemia.

CHRONIC EFFECTS OF OVEREXPOSURE: Possible hypersensitization.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Systemic fungal infections, hypersensitivity to material.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

EYE CONTACT: Flush with water for 15 minutes. If irritation persists or develops seek medical attention.

SKIN CONTACT: Flush with water for 15 minutes. If irritation persists or develops seek medical attention.

INGESTION: Flush mouth out with water and seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: NIOSH approved dust/mist respirator.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Safety glasses or goggles. Avoid wearing contact lenses when working with this material due to the possibility of increased severity of eye damage.

VENTILATION: Local or mechanical exhaust is recommended to minimize airborne levels.

OTHER PROTECTIVE EQUIPMENT: Appropriate laboratory apparel.

HYGIENIC WORK PRACTICES: Do not eat, drink or smoke near this material. Wash any contaminated clothing before reuse.

SECTION 7 - HANDLING AND STORAGE PRECAUTIONS

HANDLING PRECAUTIONS: Avoid contact with eyes, skin or clothing, and avoid breathing dust.

STORAGE PRECAUTIONS: Store in a tight container in a cool, dry location.

OTHER PRECAUTIONS: Do not eat, drink or smoke near this material. Wash thoroughly after handling. Wash any contaminated clothing before reuse.

SECTION 8 - SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR DISCHARGE: Wear all protective clothing (including respirator, goggles and gloves). Vacuum or sweep up spillage and place in a tight container. Ventilate and wash spill site. Wash contaminated clothing before reuse.

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

SECTION 9 - DISCLAIMER

The information contained in this Material Safety Data Sheet has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Paddock Laboratories, Inc. disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.

DEFINITIONS OF ABBREVIATIONS USED:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Service

IARC: International Agency for Research on Cancer

IDLH: Immediately Dangerous to Life or Health level

LC50: Median Lethal Concentration

LD50: Median Lethal Dose

N/A: Not available

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value