SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: TRIAMCINOLONE DIACETATE, USP (Micronized)
PRODUCT CODE: 2373
SUPPLIER:
- MEDISCA Inc.
  Tel.: 1.800.932.1039 | Fax.: 1.855.850.5855
  661 Route 3, Unit C, Plattsburgh, NY, 12901
  3955 W. Mesa Vista Ave., Unit A-10, Las Vegas, NV, 89118
  6641 N. Belt Line Road, Suite 130, Irving, TX, 75063
- MEDISCA Pharmaceutique Inc.
  Tel.: 1.800.665.6334 | Fax.: 514.338.1693
  4509 Rue Dobrin, St. Laurent, QC, H4R 2L8
  21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2
- MEDISCA Australia PTY LTD
  Tel.: 1.300.786.392 | Fax.: 61.2.9700.9047
  Unit 7, Heritage Business Park
  5-9 Ricketty Street, Mascot, NSW 2020

EMERGENCY PHONE:
- CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300
- NSW Poisons Information Centre: 131 126

USES:
- Glucocorticoid

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:
- Toxic to Reproduction (Category 1B)
- Specific Target Organ Toxicity - Repeated Exposure (Category 1) - Endocrine System

PICTOGRAM:
- Danger

SIGNAL WORD:
- May damage fertility or the unborn child.
- Causes damage to organs (endocrine system) through prolonged or repeated exposure.
- May cause allergic reaction.

HAZARD STATEMENT(S):
- Not Applicable.

AUSTRALIA-ONLY HAZARDS:
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves, protective clothing, eye protection, face protection.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- IF EXPOSED OR CONCERNED: Get medical advice/attention.
- Store locked up.
- Dispose of contents and/or container in accordance with local regulations.

PRECAUTIONARY STATEMENT(S):

HMIS CLASSIFICATION:
- Health Hazard: 2
- Flammability: 1
- Reactivity: 0
- Personal Protection: G

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
SECTION 4: FIRST-AID MEASURES

IN CASE OF EYE CONTACT: Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.

IN CASE OF SKIN CONTACT: Wash with soap & water for 15 minutes. If irritation persists seek medical aid.

IF SWALLOWED: Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.

IF INHALED: Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 5: FIREFIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Not applicable

FLAMMABLE PROPERTIES: May be combustible at high temperature

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions, hazardous fumes will be present.

EXTINGUISHING MEDIA: Small fire: dry chemical, CO₂ or water spray. Large fire: dry chemical, CO₂, alcohol resistant foam or water spray. Do not get water inside containers.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

METHODS & MATERIAL FOR CONTAINMENT: On land, sweep or shovel into suitable containers. Minimize generation of dust.
CLEANUP PROCEDURE
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

STORAGE CONDITIONS
Store in original container, tightly sealed, protected from direct sunlight, in a dry and well-ventilated area, away from incompatible materials. Store in accordance with local regulations. Eliminate all ignition sources. Separate from oxidizing materials. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Preserve in well-closed containers.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

The table below contains the exposure guidelines for TRIAMCINOLONE DIACETATE:

<table>
<thead>
<tr>
<th>Chemical Name: TRIAMCINOLONE DIACETATE</th>
<th>CAS #: 67-78-7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OSHA PEL</strong></td>
<td><strong>TWA</strong></td>
</tr>
<tr>
<td>N/L</td>
<td>N/L</td>
</tr>
<tr>
<td><strong>NIOSH</strong></td>
<td><strong>N/L</strong></td>
</tr>
<tr>
<td><strong>AIHA WEEL</strong></td>
<td><strong>N/L</strong></td>
</tr>
<tr>
<td><strong>Safe Work Australia HSIS</strong></td>
<td><strong>N/L</strong></td>
</tr>
<tr>
<td><strong>HSE</strong></td>
<td><strong>N/L</strong></td>
</tr>
<tr>
<td><strong>ACGIH TLV</strong></td>
<td><strong>N/L</strong></td>
</tr>
</tbody>
</table>

N/L = Not Listed

EXPOSURE GUIDELINES
Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m³.

PERSONAL PROTECTIVE EQUIPMENT
**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. **Skin:** Wear appropriate gloves to prevent skin exposure. **Clothing:** Wear appropriate protective clothing to minimize contact with skin. **Respirators:** Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SPECIFIC ENGINEERING CONTROLS
Adequate mechanical ventilation. Fume hood, eye wash station, and safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**DESCRIPTION:** Fine, white to off-white, crystalline powder, having not more than a slight odor.

**SOLUBILITY:** Practically insoluble in water; soluble in chloroform; sparingly soluble in alcohol and in methanol; slightly soluble in ether.

**ODOR:** Not more than a slight odor

**FLAMMABILITY:** May be combustible at high temperature
SAFETY DATA SHEET

ODOR THRESHOLD Not available pH Not available MELTING POINT (186 - 188)°C, (366.8-370.4)°F

BOILING POINT 536 °C, 996.8 °F FREEZING POINT (186 - 188)°C, (366.8-370.4)°F

SPECIFIC GRAVITY Not available EVAPORATION RATE Not available EXPLOSIVE LIMIT Not available

UPPER FLAMMABLE/EXPLOSIVE LIMIT(S) Not available LOWER FLAMMABLE/EXPLOSIVE LIMIT(S) Not available VAPOR PRESSURE 2.74E-14 mm Hg (25°C)

VAPOR DENSITY (AIR = 1) Not available RELATIVE DENSITY (WATER = 1) Not available log P (OCTANOL-WATER) 1.92

AUTO-IGNITION TEMPERATURE Not available DECOMPOSITION TEMPERATURE Not available VISCOSITY Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY Not established

STABILITY Stable under recommended storage conditions

MATERIALS TO AVOID Strong oxidants

HAZARDOUS DECOMPOSITION PRODUCTS Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur

HAZARDOUS POLYMERIZATION Will not occur

POSSIBILITY OF HAZARDOUS REACTION Not established

CONDITIONS TO AVOID Moisture, sunlight and extreme temperatures

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY Oral: Rat: LD50: (mg/kg): Not available

SKIN CORROSION/IRRITATION Due to lack of data the classification is not possible.

SERIOUS EYE DAMAGE/EYE IRRITATION Due to lack of data the classification is not possible.

RESPIRATORY OR SKIN SENSITIZATION Respiratory sensitization: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity Due to lack of data the classification is not possible.

Carcinogenicity OSHA TRIAMCINOLONE DIACETATE is not listed.

NTP TRIAMCINOLONE DIACETATE is not listed.
### IARC

<table>
<thead>
<tr>
<th>State</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td>TRIAMCINOLONE DIACETATE is not evaluated.</td>
</tr>
<tr>
<td>Proposition 65</td>
<td>This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. Due to lack of data the classification is not possible.</td>
</tr>
</tbody>
</table>

### ADDITIONAL CARCINOGENICITY INFORMATION

May damage fertility or the unborn child.

Therapeutic use of glucocorticoids during pregnancy has been associated with an increased risk of cleft palate and impaired fetal growth. Studies in a variety of animals also show an association with birth defects, including cleft palate.

### REPRODUCTIVE TOXICITY

May damage fertility or the unborn child.

Therapeutic use of glucocorticoids during pregnancy has been associated with an increased risk of cleft palate and impaired fetal growth. Studies in a variety of animals also show an association with birth defects, including cleft palate.

### SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

Causes damage to organs (endocrine system) through prolonged or repeated exposure.

Due to lack of data the classification is not possible.

### SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE

Causes damage to organs (endocrine system) through prolonged or repeated exposure.

Due to lack of data the classification is not possible.

### ASPIRATION HAZARDS

Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms related to the physical, chemical, and toxicological characteristics:

- Delayed and immediate effects of exposure:

Cross sensitivity: Persons sensitive to one corticosteroid may be sensitive to this material also.

Medical conditions aggravated by exposure:


### POTENTIAL HEALTH EFFECTS

#### Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

#### Ingestion

May be harmful if swallowed.

#### Skin

May be harmful if absorbed through skin. May cause skin irritation.

#### Eyes

May cause eye irritation.

### SECTION 12: ECOLOGICAL INFORMATION

#### TOXICITY

- EC50: 48 Hr: Crustacea: (mg/L): Not available
- LC50: 96 Hr: Fish: (mg/L): Not available
- IC50: 72 Hr: Algae: (mg/L): Not available

#### PERSISTENCE AND DEGRADABILITY

Not available

#### BIOACCUMULATIVE POTENTIAL

Low: LogPow: 1.92.

#### MOBILITY IN SOIL

Practically insoluble in water.

- Water Solubility: 35.5 mg/L (25°C).
- Henry’s Law Constant: 1.39E-14 atm-m³/mole (25°C).

#### OTHER ADVERSE EFFECTS

This product is not intended to be released into the environment.
SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL
Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.

SECTION 14: TRANSPORT INFORMATION

UNITED STATES & CANADA
UN PROPER SHIPPING NAME: Not dangerous good
UN NUMBER: Not applicable
CLASS: Not applicable
PACKING GROUP: Not applicable

AUSTRALIA
UN PROPER SHIPPING NAME: Not dangerous good
UN NUMBER: Not applicable
CLASS: Not applicable
PACKING GROUP: Not applicable
HAZCHEM: Not applicable
ENVIRONMENTAL HAZARDS: Not available
SPECIAL SHIPPING INFORMATION: Not applicable

SECTION 15: REGULATORY INFORMATION

AUSTRALIAN REGULATIONS

N/L = Not Listed; X = Listed

NOTES
*TRIAMCINOLONE is listed.

SECTION 16: OTHER INFORMATION

REFERENCES
Available upon request
ABBREVIATIONS AND ACRONYMS

CAS – Chemical Abstract Service; GHS – Global Harmonized System; OSHA PEL – Occupational Safety & Health Administration Permissible Exposure Limits; TWA – Time Weighted Average; HSIS – Hazardous Substances Information System; STEL – Short Term Exposure Limit; AIHA WEEL – American Industrial Hygiene Association Workplace Environment Exposure Levels; LD50 – Lethal Dose, 50%; IARC – International Agency for Research on Cancer; NTP – National Toxicology Program; WHMIS – Workplace Hazardous Materials Information System; SARA – Superfund Amendments and Reauthorization Act; EPA – Environmental Protection Agency; CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act; HMIS – Hazardous Materials Information System; NIOSH – National Institute for Occupational Safety and Health; MSHA - Mine Safety and Health Administration; ACGIH - American Conference of Governmental Industrial Hygienists; IDHL - Immediately Dangerous to Health or Life; TLV – Threshold Limit Value; HSE – Health and Safety Executive; REL - Recommended Exposure Limit

LAST REVISION
12/2016

SUPERSEDES
09/2013

DISCLAIMER

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA® shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.