

## SAFETY DATA SHEET

Preparation Date: 12/28/2018

Revision Number: E1

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : Alclometasone Dipropionate, USP

Product Number : A1574

Brand : Spectrum Chemical

CAS-No. : 66734-13-2

#### 1.2 Details of the supplier of the safety data sheet

Company : Spectrum Chemical  
14422 South San Pedro St.  
Gardena, CA 90248

Telephone : +1 310-516-8000

Fax : +1 310-516-9843

#### 1.3 Emergency telephone number

Emergency Phone # : +1-800-424-9300 (CHEMTREC)

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Reproductive toxicity (Category 2), H361

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H361

Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

P405

Store locked up.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Synonyms : (7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione  
 Alclometasone Dipropionate  
 Alclometasone 17,21-dipropionate  
 Sch 22219

Formula : C<sub>28</sub>H<sub>37</sub>ClO<sub>7</sub>  
 Molecular weight : 521.05 g/mol  
 CAS-No. : 66734-13-2  
 EC-No. : 266-464-3

**Hazardous components**

| Component  | Classification | Concentration |
|--|----------------|---------------|
| (7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione | Repr. 2; H361  | <= 100 %      |

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Hydrogen chloride gas

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

No data available

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.  
For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dust should be taken into consideration before additional processing  
Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C

Store with desiccant.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If not, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- |   |  |
|---|--|
| a) Appearance                                   | Form: solid                                      |
| b) Odor   | No data available                                |
| c) Odor Threshold                               | No data available                                |
| d) pH   | No data available                                |
| e) Melting point/freezing point                 | Melting point/range: 212 - 216 °C (414 - 421 °F) |
| f) Initial boiling point and boiling range      | No data available                                |
| g) Flash point                                  | ( )No data available                             |
| h) Evaporation rate                             | No data available                                |
| i) Flammability (solid, gas)                    | No data available                                |
| j) Upper/lower flammability or explosive limits | No data available                                |
| k) Vapor pressure                               | No data available                                |
| l) Vapor density                                | No data available                                |
| m) Relative density                             | No data available                                |
| n) Water solubility                             | No data available                                |
| o) Partition coefficient: n-octanol/water       | No data available                                |
| p) Auto-ignition temperature                    | No data available                                |
| q) Decomposition temperature                    | No data available                                |
| r) Viscosity                                    | No data available                                |
| s) Explosive properties                         | No data available                                |
| t) Oxidizing properties                         | No data available                                |

### 9.2 Other safety information

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

**10.5 Incompatible materials**

Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

Other decomposition products - No data available  
In the event of fire: see section 5

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral - Rat - 3,593 mg/kg((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

Inhalation: No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

LD50 Dermal - Rat - > 75 mg/kg((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Skin corrosion/irritation

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Serious eye damage/eye irritation

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Respiratory or skin sensitization

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Germ cell mutagenicity

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### Reproductive toxicity

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Specific target organ toxicity - single exposure

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Specific target organ toxicity - repeated exposure

No data available

#### Aspiration hazard

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

#### Additional Information

RTECS: TU3790000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available((7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione)

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

No data available

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**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

**Contaminated packaging**

Dispose of as unused product.

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**14. TRANSPORT INFORMATION**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**15. REGULATORY INFORMATION**

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Chronic Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

|  | CAS-No.    | Revision Date |
|--|------------|---------------|
| (7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione | 66734-13-2 |               |

**New Jersey Right To Know Components**

|  | CAS-No.    | Revision Date |
|--|------------|---------------|
| (7 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )-7-Chloro-11-hydroxy-16-methyl-17,21-bis(1-oxopropoxy)-pregna-1,4-diene-3,20-dione | 66734-13-2 |               |

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## 16. OTHER INFORMATION

### Full text of H-Statements referred to under sections 2 and 3.

H361 Suspected of damaging fertility or the unborn child.

#### HMIS Rating

|                        |   |
|------------------------|---|
| Health hazard:         | 1 |
| Chronic Health Hazard: | * |
| Flammability:          | 0 |
| Physical Hazard        | 0 |

#### NFPA Rating

|                    |   |
|--------------------|---|
| Health hazard:     | 0 |
| Fire Hazard:       | 0 |
| Reactivity Hazard: | 0 |

#### Further information

##### Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet