

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 3

Version no. : 2.0  
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Revised on : -

## SECTION 1: Identification of the substance/mixture and of the company/undertaking.

### 1.1 Product identifiers

**Product name** Methylprednisolone Aceponate  
**Product Number** PSR50355  
**Brand** PureSynth research chemicals  
**CAS No.** 86401-95-8

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** : Laboratory chemicals, Manufacture of substances

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

**Company** PureSynth Research Chemicals GmbH  
64683 Einhausen Marie-Curie-StraBe. 3, Germany

### 1.4 Emergency telephone number

**Worldwide Helpline No.:** 1800-8908-260

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Acute toxicity, oral (Category 4),	H302
Skin corrosion/irritation (Category 2)	H315
Serious eye damage/eye irritation (Category 2A)	H319
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3)	H335

### 2.2 Label elements

#### Labelling according Regulation (EC) No 1272/2008

**Pictogram**



**Signal word** Danger

#### Hazard statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling

P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P330	Rinse mouth.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local regulation.

### 2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. May form explosible dust-air mixture if dispersed.

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

Common names & Synonyms	Mol. formula	CAS number
(6alpha,11beta)-21-(acetyloxy)-11-hydroxy-6-methyl-3,20-dioxopregna-1,4-dien-17-yl propionate	C <sub>27</sub> H <sub>36</sub> O <sub>7</sub>	86401-95-8
Component	Classification	Concentration
Methylprednisolone Aceponate	-	-

## SECTION 4: First aid measures

### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>If inhaled</b>	Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.
<b>In case of skin contact</b>	Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.
<b>In case of eye contact</b>	Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.
<b>If swallowed</b>	Wash out mouth with water; Do NOT induce vomiting; call a physician.
<b>Most important symptoms and effects, both acute and delayed</b>	The most important known symptoms and effects are described in the labelling (see section 2.2).
<b>Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically.

## SECTION 5: Firefighting measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher
<b>Unsuitable extinguishing media</b>	No data available
<b>Special hazards arising from the substance or mixture</b>	During combustion, may emit irritant fumes.
<b>Advice for fire-fighters</b>	Wear self-contained breathing apparatus and protective clothing.
<b>Further information</b>	No data available

#### SECTION 6: Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Use full personal protective equipment. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to protective measures listed in sections 8.
<b>Environmental precautions</b>	Try to prevent further leakage or spillage. Keep the product away from drains or water courses.
<b>Methods and materials for containment and cleaning up</b>	Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); Decontaminate surfaces and equipment by scrubbing with alcohol; Dispose of contaminated material according to Section 13.
<b>Reference to other sections</b>	For disposal see section 13.

#### SECTION 7: Handling and storage

<b>Precautions for safe handling</b>	<b>Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation.</b>
<b>Conditions for safe storage, including any incompatibilities</b>	Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.  Recommended storage temperature: Storage temp. 2-8°C  Shipping at room temperature if less than 2 weeks.
<b>Specific end use(s)</b>	No information available.

#### SECTION 8: Exposure controls / Personal protection

<b>Control parameters</b>	Contains no substances with occupational exposure limit values.
<b>Exposure controls</b>	
<b>Appropriate engineering controls</b>	Ensure adequate ventilation. Provide accessible safety shower and eye wash station.
<b>Personal protective equipment:</b>	
<b>Eye / face protection</b>	Safety goggles with side-shields.
<b>Skin and Body protection</b>	Impervious clothing.
<b>Hand protection</b>	Protective gloves.
<b>Respiratory protection</b>	Suitable respirator.
<b>Control of environmental exposure</b>	Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

## SECTION 9: Physical and chemical properties

<b>Appearance</b>	Form: Solid Colour: White to Yellow
<b>Odour</b>	No data available
<b>pH - Value</b>	No data available
<b>Density</b>	No data available
<b>Boiling Point</b>	595.8±50.0 °C at 760 mmHg
<b>Melting Point</b>	105-108 °C
<b>Solubility in water</b>	No data available
<b>Flash point</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Vapour density</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Partition coefficient: n- octanol / water</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Upper / lower flammability or explosive limits</b>	No data available
<b>Oxidizing properties</b>	No data available

**Other safety information:** No data available

## SECTION 10: Stability and reactivity

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Condition to avoid</b>	No data available
<b>Incompatible materials</b>	Strong acids/alkalis, strong oxidising/reducing agents.
<b>Hazardous decomposition products</b>	Under fire conditions, may decompose and emit toxic fumes. Other decomposition products - no data available.

## SECTION 11: Toxicological information

<b>Acute toxicity</b>	Classified based on available data. For more details, see section 2
<b>Skin corrosion/irritation</b>	Classified based on available data. For more details, see section 2
<b>Serious eye damage/eye irritation</b>	Classified based on available data. For more details, see section 2
<b>Respiratory or skin sensitization</b>	Classified based on available data. For more details, see section 2
<b>Germ cell mutagenicity</b>	Classified based on available data. For more details, see section 2
<b>Carcinogenicity</b>	IARC: No component of this product present at a level equal to or greater than 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by ACGIH.

	NTP: No component of this product present at a level equal to or greater than 0.1% is identified as a anticipated or confirmed carcinogen by NTP.
	OSHA: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by OSHA.
<b>Reproductive toxicity</b>	Classified based on available data. For more details, see section 2
<b>Specific target organ toxicity - single exposure</b>	Classified based on available data. For more details, see section 2
<b>Specific target organ toxicity - repeated exposure</b>	Classified based on available data. For more details, see section 2
<b>Aspiration hazard</b>	Classified based on available data. For more details, see section 2
<b>Additional Information</b>	This information is based on our current knowledge. However the chemical, physical, and toxicological properties have not been completely investigated.

## SECTION 12: Ecological information

### Toxicity

Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Toxicity to bacteria	No data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.
<b>Endocrine disrupting properties</b>	No data available
<b>Other adverse effects</b>	No data available

## SECTION 13: Disposal considerations

<b>Waste treatment methods</b>	Dispose substance in accordance with prevailing country, federal, state and local regulations.
<b>Contaminated packaging</b>	Conduct recycling or disposal in accordance with prevailing country, federal, state and local regulations.

## SECTION 14: Transport information

	UN no.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>ADR / RID</b>	-	Not dangerous goods	-	-	-
<b>IMDG</b>	-	Not dangerous goods	-	-	-
<b>IATA</b>	-	Not dangerous goods	-	-	-

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**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:**

No SARA Hazards.

**Massachusetts Right to Know Components:**

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

**Pennsylvania Right to Know Components:**

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

**New Jersey Right to Know Components:**

No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components:**

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

**15.2 Chemical safety assessment**

No data available

**SECTION 16: Other information**

The information in this SDS 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. The user must be determined suitability of this information for his application.