








Material Safety Data Sheet

NFPA	HMIS	Personal Protective Equipment						
	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	1	Fire Hazard	1	Reactivity	0	<div></div> <div>See Section 15.</div>
Health Hazard	1							
Fire Hazard	1							
Reactivity	0							

Section 1. Chemical Product and Company Identification			Page Number: 1
Common Name/ Trade Name	Medroxyprogesterone Acetate	Catalog Number(s).	M1307
Manufacturer	SPECTRUM LABORATORY PRODUCTS INC. 14422 S. SAN PEDRO STREET GARDENA, CA 90248	CAS#	71-58-9
Commercial Name(s)	Cliniovir; Depo-Medroxyhprogesterone Acetate; Depo-progestin; Depo-provera; DMPA; Farlutal; Farlutin; Lutopolar; Lutoral; MAP; Medroxyacetate progesterone; Metipregnone; Oragest; Perlutex; Prodasone; Progestalfa; Progevera; Provera; Repromap; Repromix; Sirprogen	RTECS	TU5010000
Synonym	(6-alpha)-17-(Acetyloxy)-6-methylpreg-4-ene-3,20-dione; 17-Acetoxy-6-alpha-methylprogesterone; 17-alpha-Acetoxy-6-alpha-methylpregn-4-ene-3,20-dione; 17-alpha-Acetoxy-6-alpha-methylprogesterone; 17-alpha-Hydroxy-6-alpha-methylpregn-4-ene-3,20-dione acetate; 17-alpha-Hydroxy-6-alpha-methylprogesterone acetate; 6-alpha-Methyl-17-acetoxypregsterone; 6-alpha-Methyl-17-alpha-acetoxypregn-4-ene-3,20-dione; 6-alpha-Methyl-17-alpha hydroxypregsterone acetate; 6-alpha-Methyl-4-pregnene-3,20-dion-17-alpha-ol acetate	TSCA	TSCA 8(b) inventory: Medroxyprogesterone Acetate
Chemical Name	(6-alpha)-Pregn-4-ene-3,20-dione, 17-(acetyloxy)-6-methyl-	CI#	Not available.
Chemical Family	Not available.	IN CASE OF EMERGENCY CHEMTREC (24hr) 800-424-9300 CALL (310) 516-8000	
Chemical Formula	C24-H34-O4		
Supplier	SPECTRUM LABORATORY PRODUCTS INC. 14422 S. SAN PEDRO STREET GARDENA, CA 90248		

Section 2. Composition and Information on Ingredients					
		Exposure Limits			
Name	CAS #	TWA (mg/m ³)	STEL (mg/m ³)	CEIL (mg/m ³)	% by Weight
1) Medroxyprogesterone Acetate	71-58-9				100
Toxicological Data on Ingredients Medroxyprogesterone Acetate: ORAL (LD50): Acute: >6400 mg/kg [Rat]. >16000 mg/kg [Mouse].					

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Section 3. Hazards Identification

Potential Acute Health Effects Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC.

MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED].

The substance may be toxic to blood, the reproductive system, liver.

Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation Not available.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion Not available.

Section 5. Fire and Explosion Data

Flammability of the Product May be combustible at high temperature.

Auto-Ignition Temperature Not available.

Flash Points Not available.

Flammable Limits Not available.

Products of Combustion These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances Slightly flammable to flammable in presence of heat.
Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards As with most organic solids, fire is possible at elevated temperatures. Material in powder form, capable of creating a dust explosion.

Special Remarks on Explosion Hazards Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Section 6. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Precautions	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits	Not available.

Section 9. Physical and Chemical Properties

Physical state and appearance	Solid. (Crystalline powder.)	Odor	Odorless.
Molecular Weight	386.53 g/mole	Taste	Not available.
pH (1% soln/water)	Not applicable.	Color	White. Off-white.
Boiling Point	Not available.		
Melting Point	200°C (392°F) 210 C.		
Critical Temperature	Not available.		
Specific Gravity	Not available.		
Vapor Pressure	Not applicable.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not available.		
Water/Oil Dist. Coeff.	Not available.		
Ionicity (in Water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Soluble in acetone. Slightly soluble in methanol, diethyl ether. Insoluble in cold water, hot water. Sparingly soluble in alcohol. Freely soluble in Dichloromethane, Chloroform.		

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Section 10. Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Excess heat, incompatible materials, light
Incompatibility with various substances	Reactive with oxidizing agents.
Corrosivity	Not available.
Special Remarks on Reactivity	Light Sensitive
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

Section 11. Toxicological Information

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): >6400 mg/kg [Rat].
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC.</p> <p>MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells.</p> <p>DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED].</p> <p>May cause damage to the following organs: blood, the reproductive system, liver.</p>
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	<p>Can cause adverse reproductive effects (maternal and paternal fertility/effects fetotoxicity), and birth defects.</p> <p>May affect genetic material (mutagenic)</p> <p>May cause cancer (tumorigenic)</p>
Special Remarks on other Toxic Effects on Humans	<p>Acute Potential Health Effects:</p> <p>Skin: May cause skin irritation.</p> <p>Eyes: May cause eye irritation.</p> <p>Inhalation: May cause respiratory tract irritation.</p> <p>Ingestion: May cause gastrointestinal tract irritation, nausea, abdominal pain, cramping, unusual thirst. May affect the liver, endocrine system (Adrenal cortex/Adrenal gland -Adrenal insufficiency), behavior/central nervous system (dizziness, headache, nervousness, unusual tiredness, weakness, insomnia, mood changes, mental depression). It may be associated with acute attacks of porphyria.</p> <p>Chronic Potential Health Effects:</p> <p>Ingestion: Prolonged or repeated exposure by ingestion may affect the blood(changes in white blood cell count) and liver (jaundice, hepatitis). May cause weight change (unusual or rapid weight gain), swelling of ankles or feet. May cause Amenorrhea, break-through bleeding, disorder or menstruation, scantity vaginal bleeding, breast pain or tenderness, unexpected or increased flow of breast milk, loss of sexual desire, loss or gain of hair, acne, skin rash, brown spots on skin, frequent urination. May induce Cushing's syndrome; May cause decreased bone mineral density (osteoporosis is rare), deep venous thrombosis, thrombophlebitis, and other symptoms similar to that of acute ingestion.</p> <p>Medical Conditions Aggravated by Exposure: Hypersensitivity to material; Porphyria; liver dysfunction or disease; thrombophlebitis, thromboembolic disorders, cerebral apoplexy; pregnancy; malignancy of breast or genital organs.</p>


Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14. Transport Information

DOT Classification	Not a DOT controlled material (United States).
Identification	Not applicable.
Special Provisions for Transport	Not applicable.
DOT (Pictograms)	

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Medroxyprogesterone Acetate California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Medroxyprogesterone Acetate California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Medroxyprogesterone Acetate Minnesota: Medroxyprogesterone Acetate Massachusetts RTK: Medroxyprogesterone Acetate Massachusetts spill list: Medroxyprogesterone Acetate California Director's List of Hazardous Substances: Medroxyprogesterone Acetate TSCA 8(b) inventory: Medroxyprogesterone Acetate
California Proposition 65 Warnings	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Medroxyprogesterone Acetate California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Medroxyprogesterone Acetate
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 200-757-9). Canada: Listed on Canadian Domestic Substance List (DSL). China: Not listed on National Inventory. Japan: Listed on National Inventory (ENCS). Korea: Not listed on National Inventory (KECI). Philippines: Not listed on National Inventory (PICCS). Australia: Listed on AICS.

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Other Classifications
WHMIS (Canada)

Not controlled under WHMIS (Canada).

DSCL (EEC)

R40- Limited evidence of carcinogenic effect..
R62- Possible risk of impaired fertility.
R63- Possible risk of harm to the unborn child.

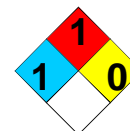
S36/37- Wear suitable protective clothing and gloves.

HMIS (U.S.A.)

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	E

National Fire Protection Association (U.S.A.)

Health



Flammability

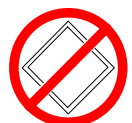
Reactivity

Specific hazard

WHMIS (Canada) (Pictograms)

DSCL (Europe) (Pictograms)

TDG (Canada) (Pictograms)

ADR (Europe) (Pictograms)

Protective Equipment


Gloves.



Lab coat.



Dust respirator. Be sure to use an approved/certified respirator or equivalent.



Safety glasses.

Section 16. Other Information**MSDS Code** M3516**References** Not available.**Other Special Considerations** Uses: Medicine

Validated by Sonia Owen on 6/11/2007.

Verified by Sonia Owen.

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CALL (310) 516-8000

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) 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 MSDS. 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 MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.