

SAFETY DATA SHEET

Cat# 1042-1G, -10G Dexamethasone

SDS DATE: Dec 12, 2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Dexamethasone
PRODUCT CODES: Cat# 1042-1G, -10G
MANUFACTURER: BioVision, Inc.
DIVISION:
ADDRESS: 155 S. Milpitas Boulevard, Milpitas, CA 95035
EMERGENCY PHONE: 858-373-8066
CHEMTREC PHONE:
OTHER CALLS: 408-493-1800
FAX PHONE: 408-493-1801

SECTION 2: HAZARDS IDENTIFICATION

Component	Description	Volume	Safety Information
Dexamethasone	Powder	1042-1G (1 g) 1042-10G (10 g)	See below

Dexamethasone:

Emergency Overview

OSHA Hazards: Target Organ Effect, Respiratory sensitiser, Skin sensitiser, Irritant

Target Organs: Pituitary

GHS Label elements, including precautionary statements

Pictogram



Signal word: Danger

Hazard statement(s): H303 May be harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.

Precautionary statement(s): P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P280 Wear protective gloves.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

HMIS Classification

Health hazard: 2

Chronic Health Hazard: *

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 2

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product Name/Chemical Name	CAS Number	EC-No.	MW	Chemical Formula
Dexamethasone	50-02-2	200-003-9	392.46	C ₂₂ H ₂₉ FO ₅

SECTION 4: 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: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SAFETY DATA SHEET

Cat# 1042-1G, -10G Dexamethosone

SDS DATE: Dec 12, 2017

If swallowed: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products: Hazardous decomposition products formed under fire conditions— carbon oxides, hydrogen fluoride.

Flammable properties: Flash point 87 °C (189 °F) - closed cup

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist or gas.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat and ignition sources.

Conditions for safe storage

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

Recommended storage temperature: -20 °C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: For prolonged or repeated contact use protective gloves.

Eye protection: Chemical safety goggles

Hygiene measures: General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Dexamethasone
Appearance:	Powder
pH:	Not available
Water Solubility:	10 mg/100 mL
Specific Gravity (g/ml):	Not available
Boiling Point (°C):	Not available
Melting Point (°C):	262-264
Flash Point (°C):	Not available
Ignition Temperature (°C):	Not available

SECTION 10: STABILITY AND REACTIVITY

Property	Dexamethasone
Chemical stability	Stable under recommended storage conditions
Conditions to avoid:	Not available
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Carbon oxides, hydrogen fluoride

SECTION 11: TOXICOLOGICAL INFORMATION

Dexamethasone

Acute toxicity:

Oral LD50 LD50 Oral - rat - > 3,000 mg/kg

Inhalation LC50 no data available

Dermal LD50 no data available

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: May cause sensitization by inhalation./ May cause sensitization by skin contact

Germ cell mutagenicity: no data available

Carcinogenicity:

SAFETY DATA SHEET

Cat# 1042-1G, -10G Dexamethosone

SDS DATE: Dec 12, 2017

- IARC: 3 - 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.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- 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

Teratogenicity: no data available

Specific target organ toxicity - single exposure (GHS): no data available

Specific target organ toxicity - repeated exposure (GHS): no data available

Aspiration hazard: no data available

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated., fetal development, Blurred vision, frequent urination, Nausea, Vomiting, appetite change, Stomach/intestinal disorders, nervousness, sleep disorders, weight gain, Dizziness, facial flushing, Headache, sweating, Allergic reactions, prolonged or repeated exposure can cause:, acne, Skin disorders, bone pain, reddened eyes, photosensitivity of the eyes, Provokes tears., hypertension, menstrual irregularities, muscle weakness, local swelling, irregular heart rate, muscle cramps, muscle pain, tiredness, Weakness, insomnia, Back pain, pain in the legs, Abdominal pain, Blood in feces (black stool)

Synergistic effects: no data available

Additional Information: RTECS: TU3980000

SECTION 12: ECOLOGICAL INFORMATION

Dexamethasone

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

Dexamethasone

DOT (US): not dangerous goods

IMDG: not dangerous goods

IATA: not dangerous goods

SECTION 15: REGULATORY INFORMATION

Dexamethasone

OSHA Hazards: Target Organ Effect, Respiratory sensitiser, Skin sensitiser, Irritant

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: Acute Health Hazard, Chronic Health Hazard

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

Pennsylvania Right To Know Components: Dexamethasone CAS-No. 50-02-2

New Jersey Right To Know Components: Dexamethasone CAS-No. 50-02-2

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.

EU regulations

Component	Risk Phrases	Safety Phrases
Dexamethasone	R40, R43	S36/37, S45

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

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. BioVision, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.