Gonadotropin, pregnantmare serum (cas 9002-70-4) MSDS

Conforms to 93/112/EC and ISO 11014-1

SAFETY DATA SHEET
Order Customer
Number
Number

Identification of the substance/preparation and of the company/undertaking
1. Gonadotropin, Pregnant Mare Serum : 367222
Product name : Catalog #
: Manufactured by EMD Biosciences, Inc.
Supplier
10394 Pacific Center Court
Chemical formula N/A
: San Diego, CA 92121
(858)450-5558/(800)854-3417
FAX: (858)453-3552

PMSG
: Synonym

Emergency : Call Chemtrec?
telephone number (800)424-9300 (within U.S.A.)
(703)527-3887 (outside U.S.A.)

Composition / information on ingredients
2. : Substance
Substance/Preparation

Chemical name* CAS No. EC Number Symbol R-Phrases
1) Gonadotropin, Pregnant Mare Serum 9002-70-4 Not available. Xn R40

Hazard identification
3. : Not applicable.
Physical/chemical hazards
: WARNING!

Human health hazards
POSSIBLE BIRTH DEFECT HAZARD.
MAY CAUSE BIRTH DEFECTS BASED ON ANIMAL DATA.
MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION.
MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: REPRODUCTIVE SYSTEM,
GASTROINTESTINAL TRACT.
POSSIBLE CANCER HAZAR CONTAINS MATERIAL WHICH MAY CAUSE CANCER BASED ON ANIMAL DATA.
CONTAINS MATERIAL WHICH MAY CAUSE HERITABLE GENETIC EFFECTS BASED ON ANIMAL DATA.

First-aid measures
4.
First-Aid measures
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Inhalation
Get medical attention.

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Ingestion
Get medical attention.

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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. Cold water may be used. Get medical attention.

Effects and symptoms
Inhalation: Hazardous in case of inhalation (lung sensitizer).

Skin Contact: Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

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5. Fire-fighting measures

Flammability of the Product
Extinguishing Media

SMALL FIRE: Use DRY chemical powder.

Suitable LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Hazardous thermal (de)composition: These products are nitrogen oxides (NO, NO2...).

products

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Special fire-fighting procedures

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

Protection of fire-fighters

Accidental release measures

Small Spill and Leak

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 and Leak

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

Handling and storage

6.

KEEP LOCKED UP. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk.

Handling

Evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe the dust.

Avoid contact with skin. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 47°C (116.6°F).

Storage

Packaging materials
Exposure controls/personal protection

8. 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.

Hygiene measures

Ingredient Name Occupational Exposure Limits

1) Gonadotropin, Pregnant Mare Serum Not available.

Personal protective equipment

- Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
- Lab coat.
- Gloves.
- Safety glasses.

Protective Clothing

(Pictograms)

Physical and chemical properties

9. Solid. (Solid powder.)

Physical state
- Color: White.

Molecular Weight
- Easily soluble in cold water.

Solubility
- Flash point: Not available.

Explosive properties
- 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.

Stability

The product is stable.

Conditions to avoid
- These products are nitrogen oxides (NO, NO2...).

Hazardous Decomposition Products

Toxicological information

- RTECS # TU4517000

Local effects
- Skin irritation: Not available.
- Hazardous in case of skin contact (sensitizer), of inhalation (lung sensitizer).
Sensitization
LD50: Not available.

Acute toxicity
LC50: Not available.
Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Not available.

Other Toxic Effects on Humans Hazardous in case of skin contact (sensitizer), of inhalation (lung sensitizer).
May cause congenital malformations in the foetus.
Not available.
Specific effects
Carcinogenic effects: Not available.
Not available.
Mutagenic effects
Reproduction toxicity Classified Reproductive system/toxin/female, Reproductive system/toxin/male [SUSPECTED].
Classified POSSIBLE for human.
Teratogenic effects:

12. Ecological information
Not available.
Ecotoxicity
The product itself and its products of degradation are not toxic.
Toxicity of the Products of Biodegradation

13. Disposal considerations
Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Methods of disposal: Waste of residues; Contaminated packaging

14. Transport information
International transport regulations
Land - Road/Railway
Not controlled under ADR (Europe).
ADR/RID Class
Sea
Not controlled under IMDG.
IMDG Class
Air
Not controlled under IATA
IATA-DGR Class Not applicable.
Special Provisions for Transport

15. Regulatory information
EU Regulations
Hazard symbol(s):
Harmful
Classification
R68- Possible risks of irreversible effects.
Risk Phrases

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- S22- Do not breathe dust.

Safety Phrases

S36- Wear suitable protective clothing.

- Gonadotropin, Pregnant Mare Serum

Contains

- TSCA: No products were found.

U.S. Federal Regulations

SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
SARA 313 toxic chemical notification and release reporting: No products were found.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated flammable substances: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

CLASS: Target organ effects.

HCS Classification

- CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

WHMIS (Canada)

No products were found.

16. Other information

Hazardous Material * 2 National Fire

Health

Fire Hazard

1

Information System 1 Protection

Fire Hazard

(U.S.A.) Association (U.S.A) 2 0

Health Reactivity

0

Reactivity

Specific Hazard

E

Personal Protection

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

date of issue


Catalog #