



Pall Corporation

PRODUCT SAFETY DATA SHEET**Ultrosor® G****1. Identification of the substance/preparation and company/undertaking****Identification of the substance or preparation**

- Product name** : Ultrosor® G
Synonyms : Serum substitute.
Code : 15950
Use of the substance/preparation : Serum substitute for animal cell culture.

Company/undertaking identification

- Contact in US** : Pall Corporation
 2200 Northern Blvd
 East Hills, NY 11548
 Tel : +1 516 484 5400
- Contact in Europe** : Pall Europe Limited
 Havant Street
 Portsmouth, UK
 Tel : +44 (0)23 9230 3303

Emergency telephone number : CHEMTREC, International: (703) 527-3887

2. Composition/information on ingredients

Substance/preparation : Preparation

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures**First-aid measures**

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Obtain medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Obtain medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures**Extinguishing media**

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Storage Temperature: 2-8 °C (36-46 °F).
- Packaging materials**
 - Recommended** : Use original container.

8. Exposure controls/personal protection

- Exposure limit values** : Not available.
- Exposure controls**
 - Occupational exposure controls** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
 - Eye protection** : Safety glasses.
 - Skin protection** : Lab coat.
 - Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
 - Hand protection** : Disposable vinyl gloves.



- Hygiene measures** : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. During formulation, follow good industrial hygiene practice.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**9. Physical and chemical properties****General information****Appearance**

- Physical state** : Delivered under lyophilized form/liquid after resolubilization.
Colour : Pink solution.
Odour : Odourless.

Important health, safety and environmental information**10. Stability and reactivity**

- Stability** : The product is stable.
Materials to avoid : Reactive with oxidizing materials.

11. Toxicological information**Potential acute health effects**

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Eye contact : May cause eye irritation.

Potential chronic health effects

- Carcinogenicity** : Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin : May cause skin irritation upon contact.

12. Ecological information**Persistence/degradability**

- Mobility** : Not available.

13. Disposal considerations

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.
- Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport information**Regulatory information**

UN/ IMDG/IATA / ADNR/ADR : Not regulated.

**15. Regulatory information****EU regulations**

- Risk phrases** : This product is not classified according to EU legislation.
- Product use** : Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.
- Industrial applications.

Other EU regulations

- EU statistical classification (Tariff Code)** : 3821.00.0000

16. Other information**History**

- Date of issue** : 15/09/2006
- Version** : 1

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