

Material Safety Data Sheet

SECTION I: Product and Company Identification

1. Product identifiers

Product name: CD602 Chemically Defined CHO Suspension Growth Media (Powder)

Product Number: C1602

Brand: MEDNA™

2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For research and development only.

3. Details of the supplier of the safety data sheet

Company : MEDNA Scientific™

1551 Corporate Drive

Irving, TX 75038

Office: 469-496-8847

Emergency phone number: 469-496-8847

SECTION II: Hazards identification

GHS - Classification

Signal Word: None

Hazard pictograms: None

Health hazards: Not Hazardous

Physical hazards: Not Hazardous

Environmental hazards: Not Hazardous

Hazard Statements: Not Applicable

Precautionary Statements

Prevention Not Applicable

Response Not Applicable

Storage Not Applicable

Disposal Not Applicable

Other hazards Not Applicable

HMIS Health 0 Flammability 0 Reactivity 0

SECTION III: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION IV: First aid measures

4.1 Description of first aid measures

If inhaled

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.

Get immediate medical attention

In case of skin contact

Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

In case of eye contact

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.

If swallowed

Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

2. Important Symptoms and Effects, Both Acute and Delayed:

Symptoms/injuries after inhalation

May cause respiratory tract irritation.

Symptoms/injuries after skin contact

May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling

Symptoms/injuries after ingestion

May be harmful if swallowed. May cause stomach distress, nausea or vomiting

3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION V: Firefighting measures

1. Flammable properties

Not determined.

2. Flash point

Not determined.

3. Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media

None known

4. Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear to prevent contact with skin and eyes. Keep upwind of fire.

SECTION VI: Accidental release measures

1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

2. Environmental precautions

Prevent material from entering drains and water courses.

6.3 Methods and materials for containment and cleaning up

Contain spill and collect, as appropriate.

Transfer to a chemical waste container for disposal in accordance with local regulations

SECTION VII: Handling and storage**Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)

For Research Use or Further Manufacturing. Not for diagnostic use or direct administration into humans or animals.

SECTION VIII: Exposure controls/personal protection**Control parameters**

Exposure Limits Contains no substances with occupational exposure limit values.

Engineering measures Ensure adequate ventilation, especially in confined areas.

Exposure controls**Personal Protective Equipment**

Respiratory protection In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection Tight sealing safety goggles.

Skin and Body Protection Wear suitable protective clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

SECTION IX: Physical and chemical properties**1. Basic physical and chemical properties**

- a) Appearance Form: Colorless
- b) Odor: No data available
- c) Odor threshold: No information available
- d) pH: No information available.
- e) Physical state at 20 degrees C: Liquid

- f) Flash point: No information available
- g) Decomposition temperature: No information available.
- h) Flammability limits in air: No information available.
- i) Explosion limits: No information available.
- j) Specific gravity: No information available.
- k) Solubility: No information available.
- l) Evaporation rate: No information available
- m) Vapor Pressure @20°C (kPa): No information available
- n) Vapor density: No data available
- o) VOC Content(%): Not applicable

9.2 Other safety information

No data available

SECTION X: Stability and reactivity

1. Reactivity

No data available

2. Chemical stability

Stable under normal conditions.

3. Possibility of hazardous reactions

No data available

4. Conditions to avoid

Heat.

5. Incompatible materials

None known.

6. Hazardous decomposition products

None known.

SECTION XI: Toxicological information

11.1

Acute toxicity: Not classified.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION XII: Ecological information

1. Toxicity

This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

2. Persistence and degradability

No data available

3. Bioaccumulative potential

No data available

4. Mobility in soil

No data available

12.6 Other adverse effects

No data available

SECTION XIII: Disposal considerations

13.1 Waste treatment methods

Product

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation

Contaminated packaging

Do not reuse empty containers.

SECTION XIV: Transport information

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group Not Applicable

Environmental hazards Not Applicable

Special precautions for user Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Applicable.

SECTION XV: Regulatory information

US Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

SECTION XVI: Other information**Further information**

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 regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDNA Scientific shall not be held liable for any damage resulting from handling or from contact with the above product.

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