



# Oppenheimer Biotechnology Inc

## 1. Identification

### SAFETY DATA SHEET

**Product Name:** CoGen III  
**Synonyms:** OBI biocat  
**Recommended Use:** With The Oppenheimer Formula I®  
**Recommended restrictions:** No Information available  
**Manufacturer**  
Company name: Oppenheimer Biotechnology Inc  
Address: PO Box 1490, Pflugerville TX 78691  
Telephone: 512-474-1016  
Website: [www.obio.com](http://www.obio.com)  
Email: [obiotech@obio.com](mailto:obiotech@obio.com)  
Emergency phone number: 512-751-2121

## 2. Hazard(s) identification

### Classification

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Based on available data, the classification criteria are not met

Label Elements: None required  
Hazards not otherwise classified (HNOC): None identified  
Other hazards : None  
Unknown Acute Toxicity  
0 percent of the mixture consists of ingredient(s) of unknown acute toxicity

## 3. Composition / information on ingredients

**SHA Hazard Classification** The product contains no substances which are considered to be hazardous to health

| Component | CAS-No    | Weight % |
|-----------|-----------|----------|
| Water     | 7732-18-5 | 100      |

#### 4. First-aid measures

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes.

**Inhalation** Move to fresh air.

**Ingestion** Rinse mouth. Drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects** No information available.

**Notes to Physician** Treat symptomatically

#### 5. Fire-fighting measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Water may be ineffective

**Flash Point** No information available

**Method -** No information available

**Autoignition Temperature** No information available

##### Explosion Limits

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No

**Sensitivity to Static Discharge** No

##### Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

##### Hazardous Combustion Products

Carbon oxides.

##### 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.

##### NFPA

|        |              |             |                  |
|--------|--------------|-------------|------------------|
| Health | Flammability | Instability | Physical hazards |
| 0      | 0            | 0           | N/A              |

## 6. Accidental release measures

**Personal Precautions** Avoid contact with the skin and the eyes.

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8.

**Methods for Containment and Clean up** Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

## 7. Handling and storage

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls / personal protection

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure Limits established by the region specific regulatory bodies.

**Engineering Measures** Showers, eyewash stations, and ventilation systems.

### Personal Protective Equipment

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory Protection** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

|   |                          |
|---|--------------------------|
| <b>Physical State</b>                   | Liquid                   |
| <b>Appearance</b>                       | Colorless                |
| <b>Odor</b>                             | Odorless                 |
| <b>Odor Threshold</b>                   | No information available |
| <b>pH</b>                               | 7                        |
| <b>Melting Point/Range</b>              | No data available        |
| <b>Boiling Point/Range</b>              | 100°C / 212°F            |
| <b>Flash Point</b>                      | No information available |
| <b>Evaporation Rate</b>                 | No information available |
| <b>Flammability (solid,gas)</b>         | No information available |
| <b>Flammability or explosive limits</b> |                          |
| <b>Upper</b>                            | No data available        |
| <b>Lower</b>                            | No data available        |
| <b>Vapor Pressure</b>                   | No information available |
| <b>Vapor Density</b>                    | No information available |
| <b>Specific Gravity</b>                 | 1                        |

**Solubility** No information available  
**Partition coefficient; n-octanol/water** No data available  
**Autoignition Temperature** No information available  
**Decomposition Temperature** No information available  
**Viscosity** No information available

**10. Stability and reactivity**

**Reactive Hazard** None known, based on information available  
**Stability** Stable under recommended storage conditions.  
**Conditions to Avoid** Incompatible products.  
**Incompatible Materials** Strong oxidizing agents  
**Hazardous Decomposition Products** Carbon oxides  
**Hazardous Polymerization** Hazardous polymerization does not occur.  
**Hazardous Reactions** None under normal processing.

**11. Toxicological information**

**Acute Toxicity**

**Product Information**

**Component Information**

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------|-----------|-------------|-----------------|
| Water     | -         | Not listed  | Not listed      |

**Toxicologically Synergistic Products** No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure Irritation

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Component | CAS-No    | IARC       | NTP        | ACGIH      | OSHA       | Mexico     |
|-----------|-----------|------------|------------|------------|------------|------------|
| Water     | 7732-18-5 | Not listed | Not listed | Not listed | Not listed | Not listed |

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability** No information available

**Bioaccumulation/ Accumulation** No information available.

**Mobility** No information available.

## 13. Disposal considerations

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40

CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. Transport information

**DOT** NOT REGULATED

Hazard Class **N/A**

**TDG** Not regulated

**IATA** Not regulated

Hazard Class **N/A**

**IMDG/IMO** Not regulated

Hazard Class **N/A**

## 15. Regulatory information

**All of the components in the product are on the following Inventory lists:** U.S.A. (TSCA) Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) Korea (ECL) China (IECSC) Philippines (PICCS)

International Inventories

| Component | TSCA | DSL | NDSL | EINECS    | ELINCS | NLP | PICCS | ENCS | AICS | IECSC | KECL |
|-----------|------|-----|------|-----------|--------|-----|-------|------|------|-------|------|
| Water     | X    | X   | -    | 231-791-2 | -      |     | X     | -    | X    | X     | X    |

**Legend:**

**X - Listed**

**E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA. F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.**

**N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.**

**P - Indicates a commenced PMN substance**

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA. S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

TSCA 12(b) Not applicable

SARA 313 Not applicable

**SARA 311/312 Hazard Categories**

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA Occupational Safety and Health Administration Not applicable

CERCLA Not applicable

U.S. State Regulations This product does not contain any substances regulated by state right-to-know regulations

**California Proposition 65** This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations** Not applicable

| Component | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|-----------|---------------|------------|--------------|----------|--------------|
| Water     | -             | -          | X            | -        | -            |

**U.S. Department of Transportation**

Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security**

This product does not contain any DHS chemicals.

Other International Regulations

**Mexico - Grade** No information available

**Canada**

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

**WHMIS Hazard Class** Non-controlled

**16. Other information**

**Revision Date 4/20/2018**

**Revision Summary** This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**Further information:** This safety data sheet only contains information relating to safety and does not replace any product information or product specification.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**