



# SAFETY DATA SHEET

Product Name: O.C.T. Compound

Revision Date 7-26-2019

In Accordance with 1272/2008/EC, 29 CFR 1910

## 1 Identification of the Substance/Mixture and Company

**Product Name: O.C.T. Compound**

**Product Code: 4586**

**Product Description:** Freezing Medium for Laboratory, Research or Manufacturing

**Manufacturer:**

Scigen Inc.  
7041 Marcelle ST.  
Paramount CA 90723  
USA  
(310) 324-6576

**Emergency Telephone Number:** (800) 424-9306 (Chemtrec)

## 2 Hazards Identification

**Hazard designation:** Void

**Information pertaining to particular dangers for health, safety and environmental**

This product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the "EU" in the latest version.

**Classification system**

The classification is in line with current EC and OSHA lists. It is expanded, however, by information from technical literature.

**GHS label elements:** Void

## 3 Composition

**10.24 % Polyvinyl alcohol**

**4.26 % Polyethylene glycol**

**85.5 % non-reactive ingredient**

**Chemical characterization**

**Description:** Mixture of substances listed below with harmless additions.

**Dangerous components:** Void

Additional information For wording of the listing risk phrases refer to section 16.

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## 4 First Aid Measures

**General information:** No special measures required.

**Inhalation:** Supply fresh air, consult doctor in case of symptoms.

**Skin contact:** This product is not a skin irritant.

**Eye contact:** Rinse opened eye for several minutes under running water.

**Swallowing:** In case of persistent symptoms consult doctor.

## 5 Fire Fighting Measures

**Advice for firefighters:** CO<sub>2</sub>, extinguishing powders or water jet. Fight large fires with water jet or alcohol resistant foam.

**Protective equipment:** No special measures required.

## 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Not required. **Environmental precautions:**

**Methods and material for containment and cleaning up:** Absorb with nontoxic liquid binding material.

## 7 Handling and Storage

### Handling:

**Precautions for safe handling:** No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

### Conditions for safe storage, including any incompatibilities

#### Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s):** No further relevant information available.

## 8 Exposure Controls/Personal Protection

**Additional information about design of technical systems:** No further data; see item 7.

### Control parameters

**Components with limit values that require monitoring at the workplace:** Not required.

### Additional information:

The lists that were valid during the creation were used as basis. **Exposure controls:**

#### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

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**Breathing equipment:** Not required.

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. **Eye protection:** Safety glasses recommended during usage.

## 9 Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance

<b>Form:</b>	Fluid
<b>Color:</b>	Not determined.
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.

**pH-value:** Not applicable.

#### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Product is not flammable.

#### Ignition temperature:

**Decomposition temperature:** Not determined.

**Auto igniting:** Not determined.

**Danger of explosion:** Product does not present an explosion hazard.

#### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapor pressure:** Not applicable.

<b>Density:</b>	Not determined.
<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not applicable.
<b>Evaporation rate:</b>	Not applicable.

#### Solubility in / Miscibility with

**Water:** Soluble.

## 10 Stability and Reactivity

### Reactivity:

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**Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicology Information

**Information on toxicological effects Acute toxicity:**

**Primary irritant effect:**

**On the skin:** No Irritating effect to skin and mucous membranes.

**On the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:** This product is not subject to classification according to the calculation method of the general EC Classification Guidelines for preparations as issued in the latest version. When used and handled according to specification, the product does not have any harmful effects according to our experience and information provided.

**Carcinogenic categories**

**IARC (International Agency for Research on Cancer) Substance** is not listed.

**NTP (National Toxicology Program) Substance** is not listed.

## 12 Ecological Information

**Toxicity:**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable. **vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## 113 Disposal Considerations

**Waste treatment methods:**

**Recommendation:** Disposal must be made according to official regulations.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

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**14 Transport Information**

<b>UN-Number</b> <b>DOT, ADR, ADN, IMDG, IATA</b>	None Regulated
<b>UN proper shipping name</b> <b>DOT, ADR, ADN, IMDG, IATA</b>	None Regulated
<b>Transport hazard class(es)</b> <b>DOT, ADR, ADN, IMDG, IATA</b> <b>Class</b>	None Regulated

<b>Packing group</b> <b>DOT, ADR, IMDG, IATA</b>	None Regulated
<b>Environmental hazards</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user:</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	-

**15 Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**SARA**

<b>Section 355 (extremely hazardous substances):</b>
Substance is not listed.
<b>Section 313 (Specific toxic chemical listings):</b>
Substance is not listed.
<b>TSCA (Toxic Substances Control Act):</b>
Substance is not listed.
<b>Proposition 65</b>
<b>Chemicals known to cause cancer:</b>
Substance is not listed.
<b>Chemicals known to cause reproductive toxicity for females:</b>
Substance is not listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>

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Substance is not listed.
<b>Chemicals known to cause developmental toxicity:</b>
Substance is not listed.

**Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals.

The product is not subject to identification regulations under EC Directives and the ordinances on Hazardous Materials (GefstoffV)

## 16 Other Information

This Safety Data Sheet has been furnished on request. A revised Safety Data Sheet will be furnished only if requested also in case of specification changes. The above information, which is accurate to the best of our knowledge and belief, describes the safety aspects of our product but does not warrant any product properties. The company gives no warranty as to the accuracy or completeness of such information.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International C Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

RID: règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the international transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association"

CIAO: International Civil Aviation Organization

IODATE technical Instructional by the: International Civil Aviation organization

GHS: Globally harmonized system of classification and labelling of chemicals