



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
HPR, Schedule 1

Revision date 30-Nov-2022

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Deoxysotalol

### Other means of identification

**Product Code(s)** TRC-D245550-100MG

### Recommended use of the chemical and restrictions on use

**Recommended use** Laboratory use

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### Initial supplier identifier

Toronto Research Chemicals  
2 Brisbane Road  
Toronto, ON  
M3J 2J8

Emergency number: +1(416) 665-9696 between 0800-1700 (GMT-5)

Fax: +14166654439

Web: www.trc-canada.com

**E-mail** sds-request@lgcgroup.com

### Emergency telephone number

#### **Emergency Telephone**

For Hazardous Materials or Dangerous Goods Incident

Spill, Leak, Fire Exposure, or Accident

Call CHEMTREC:

USA & Canada 1-800-424-9300

Rest of the world +1 703-741-5970

## 2. Hazard identification

### Classification

Classification according to WHIMIS

|  |            |
|--|------------|
| Skin corrosion/irritation                          | Category 2 |
| Serious eye damage/eye irritation                  | Category 2 |
| Specific target organ toxicity — repeated exposure | Category 1 |



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## Label elements

### Danger

### Hazard statements

Classification according to WHIMIS  
Causes skin irritation  
Causes serious eye irritation  
Causes damage to organs through prolonged or repeated exposure



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Do not breathe dust, fume, gas, mist, vapors and spray  
Do not eat, drink or smoke when using this product  
Wear protective gloves, protective clothing, eye protection and face protection

### Precautionary Statements - Response

Get medical advice/attention if you feel unwell

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice and attention

#### Skin

IF ON SKIN: Wash with plenty of water and soap  
If skin irritation occurs: Get medical advice and attention  
Take off all contaminated clothing and wash it before reuse

### Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant

## Other information

May be harmful if swallowed.

## 3. Composition/information on ingredients

### Substance

#### Formula

C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>S

| Chemical name | CAS No | Weight-% | Hazardous Material<br>Information Review Act<br>registry number | Date HMIRA filed and<br>date exemption granted<br>(if applicable) |
|---------------|--------|----------|---|---|
|---------------|--------|----------|---|---|



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|              |            |           |                    |  |
|--------------|------------|-----------|--------------------|--|
|              |            |           | (HMIRA registry #) |  |
| Deoxysotalol | 16974-42-8 | 90 - 100% | -                  |  |

## 4. First-aid measures

### Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance.  |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.   |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>                          | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.  |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).   |

### Most important symptoms and effects, both acute and delayed

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause redness and tearing of the eyes. Burning sensation. |
|-----------------|---|

### Indication of any immediate medical attention and special treatment needed

|                        |                        |
|------------------------|------------------------|
| <b>Note to doctors</b> | Treat symptomatically. |
|------------------------|------------------------|

## 5. Fire-fighting measures

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>               | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Large Fire</b>                                 | CAUTION: Use of water spray when fighting fire may be inefficient.                                      |
| <b>Unsuitable extinguishing media</b>             | Do not scatter spilled material with high pressure water streams.                                       |
| <b>Specific hazards arising from the chemical</b> | No information available.   |
| <b>Explosion data</b>                             |   |
| <b>Sensitivity to mechanical impact</b>           | None.   |
| <b>Sensitivity to static discharge</b>            | None.   |



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|   |  |
|---|--|
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|---|--|

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. |
|-----------------------------|--|

|                          |  |
|--------------------------|--|
| <b>Other information</b> | Refer to protective measures listed in Sections 7 and 8. |
|--------------------------|--|

### Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Pick up and transfer to properly labelled containers. |
|--------------------------------|---|

## 7. Handling and storage

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. |
|--------------------------------|---|

### Conditions for safe storage, including any incompatibilities

|                           |   |
|---------------------------|---|
| <b>Storage Conditions</b> | Keep containers tightly closed in a dry, cool and well-ventilated place. Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA. |
|---------------------------|---|

## 8. Exposure controls/personal protection

### Control parameters

|                        |   |
|------------------------|---|
| <b>Exposure Limits</b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|------------------------|---|

### Appropriate engineering controls

|                             |   |
|-----------------------------|---|
| <b>Engineering controls</b> | Showers<br>Eyewash stations<br>Ventilation systems. |
|-----------------------------|---|



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## Individual protection measures, such as personal protective equipment

|                                 |   |
|---------------------------------|---|
| Eye/face protection             | If splashes are likely to occur, wear safety glasses with side-shields. Avoid contact with eyes. Wear safety glasses with side shields (or goggles).                                  |
| Hand protection                 | Wear suitable gloves. Impervious gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.              |
| Skin and body protection        | Long sleeved clothing. Wear suitable protective clothing.   |
| Respiratory protection          | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.              |
| Environmental exposure controls | Do not allow into any sewer, on the ground or into any body of water.   |
| General hygiene considerations  | Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection. |

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Solid                    |
| Appearance      | Solid                    |
| Colour          | Off white                |
| Odour           | No information available |
| Odour threshold | No information available |

| Property                                | Values            | Remarks • Method |
|---|-------------------|------------------|
| pH                                      | No data available | None known       |
| Melting point / freezing point          | No data available | None known       |
| Initial boiling point and boiling range | No data available | None known       |
| Flash point                             | No data available | None known       |
| Evaporation rate                        | No data available | None known       |
| Flammability                            | No data available | None known       |
| Flammability Limit in Air               |                   | None known       |
| Upper flammability or explosive limits  | No data available |                  |
| Lower flammability or explosive limits  | No data available |                  |
| Vapour pressure                         | No data available | None known       |
| Relative vapour density                 | No data available | None known       |
| Relative density                        | No data available | None known       |
| Water solubility                        | No data available | None known       |
| Solubility in other solvents            | No data available | None known       |
| Partition coefficient                   | No data available | None known       |
| Autoignition temperature                | No data available | None known       |
| Decomposition temperature               |                   | None known       |
| Kinematic viscosity                     | No data available | None known       |



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|                   |                   |            |
|-------------------|-------------------|------------|
| Dynamic viscosity | No data available | None known |
|-------------------|-------------------|------------|

## Other information

|                      |                           |
|----------------------|---------------------------|
| Explosive properties | No information available. |
| Oxidising properties | No information available. |
| Softening point      | No information available  |
| Molecular weight     | 256.36                    |
| VOC content          | No information available  |
| Liquid Density       | No information available  |
| Bulk density         | No information available  |

## 10. Stability and reactivity

### Reactivity

No information available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

Strong acids. Strong bases. Strong oxidising agents.

**Hazardous decomposition products** None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |   |
|--------------|---|
| Inhalation   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  |
| Eye contact  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.                   |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).  |
| Ingestion    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. May be harmful if swallowed. |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |   |
|----------|---|
| Symptoms | Redness. May cause redness and tearing of the eyes. |
|----------|---|



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## Acute toxicity

### Numerical measures of toxicity

No information available

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

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | Classification based on data available for ingredients. Causes skin irritation. May cause skin irritation. |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes serious eye irritation.                     |
| <b>Respiratory or skin sensitisation</b> | No information available.  |
| <b>Germ cell mutagenicity</b>            | No information available.  |
| <b>Carcinogenicity</b>                   | No information available.  |
| <b>Reproductive toxicity</b>             | No information available.  |
| <b>STOT - single exposure</b>            | No information available.  |
| <b>STOT - repeated exposure</b>          | Causes damage to organs through prolonged or repeated exposure.  |
| <b>Aspiration hazard</b>                 | No information available.  |

## 12. Ecological information

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.   |
| <b>Bioaccumulation</b>               | No information available.   |
| <b>Other adverse effects</b>         | No information available.   |



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## 13. Disposal considerations

### Disposal methods

**Waste from residues/unused products**

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

**Contaminated packaging**

Do not reuse empty containers.

## 14. Transport information

TDG

Not regulated

DOT

Not regulated

## 15. Regulatory information

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

### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

### International Inventories

**TSCA**

Contact supplier for inventory compliance status.

**DSL/NDSL**

Contact supplier for inventory compliance status.

**EINECS/ELINCS**

Contact supplier for inventory compliance status.

**ENCS**

Contact supplier for inventory compliance status.

**IECSC**

Contact supplier for inventory compliance status.

**KECL**

Contact supplier for inventory compliance status.

**PICCS**

Contact supplier for inventory compliance status.

**AIIC**

Contact supplier for inventory compliance status.

### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances





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PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## 16. Other information

|             |                           |                       |                           |                              |
|-------------|---------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 2   | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b> | <b>Health hazards</b> 2 * | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AELG(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

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Revision Note No information available.

#### Disclaimer

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End of Safety Data Sheet