

## 2-ISOPROPYLPHENYL ISOTHIOCYANATE

### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifiers**

Product name: 2-Isopropylphenyl isothiocyanate      Product Code: GEO-03390      CAS-No. : 36176-31-5

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Manufacture of substances

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### SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the substance or mixture**
**Classification according to Regulation (EC) No 1272/2008**

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

**According to European Directive 67/548/EEC as amended.**

R34 - Causes burns, R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

**Label elements**

Labelling according Regulation (EC) No 1272/2008

**GHS pictogram:**


H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage.

H332 - Harmful if inhaled.

**Signal word:**

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P301+P330+P331 IF SWALLOWED - rinse mouth. Do NOT induce vomiting.

**Danger**

P303+P361+P353 IF ON SKIN (or hair) - Takeoff immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

 Other hazards **Lachrymator**

### SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

Synonyms	Formula	Molecular Weight	Assay (%)	CAS#	EC-No.
2-Isopropylphenyl isothiocyanate	C10H11NS	177,26 g/mol	-	36176-31-5	-

### SECTION 4 - FIRST AID MEASURES

<b>Eyes:</b>	Rinse opened eye for at least 15 minutes under running water. Get medical aid.
<b>Skin:</b>	Instantly wash with water and soap and rinse thoroughly. Get medical aid.
<b>Ingestion:</b>	Get medical aid. Wash mouth out with water.
<b>Inhalation:</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If required, provide artificial respiration. Get medical aid.

### SECTION 5 - FIRE FIGHTING MEASURES

<b>Suitable extinguishing agents</b>	Sand, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Protective equipment:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin/eyes.
<b>Unusual fire and explosions hazards:</b>	During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Person-related safety precautions:</b>	Wear protective equipment as indicated in section 8. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash spill site after material pickup is complete.
<b>Environmental precautions</b>	Do not let this chemical enter the environment.
<b>Additional information:</b>	See Section 7 for information on safe handling. See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

### SECTION 7 - HANDLING AND STORAGE

<b>Handling:</b>	Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Ensure adequate ventilation.
<b>Storage:</b>	Store in a dry, cool and well ventilated place. Keep container closed when not in use. Moisture sensitive. Store under inert gas. See Section 10 for stability and reactivity information.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels. Safety shower and eye bath.

**Personal Protective Equipment**

**Eyes:** Wear chemical safety glasses.

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

**Clothing:** Wear appropriate protective work clothing.

**Respirators:** Use breathing protection with high concentrations.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	Liquid	<b>Flash Point:</b>	Not available
<b>Color:</b>	Colourless	<b>Specific Gravity/Density:</b>	Not available
<b>Boiling Point:</b>	131 - 132 °C (10mm Hg)	<b>Molecular Formula:</b>	C10H11NS
<b>Freezing/Melting Point:</b>	Not available	<b>Molecular Weight:</b>	177,26

**SECTION 10 - STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal temperatures and pressures.

**Incompatible Materials:** Strong oxidizing agents, alcohols, amines, water/moisture

**Conditions to avoid:** Incompatible products, moisture

**Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides, hydrogen cyanide, sulphur oxides

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Potential Health Effects:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause respiratory irritation. May be harmful if inhaled, swallowed or absorbed through skin. May cause serious eye irritation.

**Other:** The toxicological properties have not been fully investigated.

**SECTION 12 - ECOLOGICAL INFORMATION**

No data available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

**SECTION 14 - TRANSPORT INFORMATION**

	<b>IATA</b>	<b>IMDG/IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	CORROSIVE LIQUID, TOXIC, N.O.S. (2-Isopropylphenyl isothiocyanate)	CORROSIVE LIQUID, TOXIC, N.O.S. (2-Isopropylphenyl isothiocyanate)	CORROSIVE LIQUID, TOXIC, N.O.S. (2-Isopropylphenyl isothiocyanate)
<b>Hazard Class:</b>	8 (6.1)	8 (6.1)	8 (6.1)
<b>UN Number:</b>	2922	2922	2922
<b>Packing Group:</b>	III	III	III

**SECTION 15 - REGULATORY INFORMATION**

**This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.**

Canadian DSL/NDSL CAS# 36176-31-5 is not listed on Canada's DSL or NDSL List.

US Federal TSCA CAS# 36176-31-5 is not listed on the TSCA Inventory. It is for research and development use only.

**SECTION 16 - OTHER INFORMATION****WARRANTY**

*The information contained in the SDS are compiled according to the present knowledge of the manufacturer. It does not represent any guarantee of the properties of the product. SDS shall be used only as a guide. Georganics Ltd. is not liable for damages incurred in the handling or contact with chemicals.*