



**Supplier:** Glycomix Ltd  
The Science & Technology Centre  
Earley Gate, Whiteknights Road  
Reading, UK, RG6 6BZ  
**Telephone Number:** (+44) 118 935 7285  
**Fax Number:** (+44) 118 926 7917  
**Emergency telephone number:** 07880742361: hours: 8.30 AM to 5.30 PM  
**UK Company Number** 6376288

## 2. IDENTIFICATION

**Product name:** SOLASONINE  
**Catalog Number:** GS108  
**Synonyms:** Not Available  
**UN/Id No:** No UN Number allocated  
**Proper shipping name:** No Dangerous goods class allocated  
**IATA Hazard Label(s):** No Dangerous goods class allocated  
**Hazard Class** No Dangerous goods class allocated  
**Subsidiary risk:** No Subsidiary Risk allocated  
**Emergency Action Code (Hazchem code):** No Hazchem Code allocated  
**Poisons schedule No. (Aust)/Toxic Substance (NZ):** No Poisons Schedule Number allocated  
**Recommended use:** Research product for non-human use  
**Component**  
SOLAMARGIN Present

## 3. PHYSICAL DESCRIPTION/PROPERTIES

**Physical state:** Solid  
**Formula:** C<sub>45</sub>H<sub>73</sub>NO<sub>16</sub>  
**Molecular weight:** 884.04  
**Melting point/range:** 194-196°C  
**Vapor pressure:** Not determined  
**Solubility:** Pyridine, Methanol  
**Flash point:** Not determined  
**Autoignition temperature:** Not determined

Flammable limits in air - lower (%) : Not determined  
Flammable limits in air - upper (%) : Not determined

#### 4. INGREDIENTS

Components	CAS Number	Weight %	EC No.	Classification
SOLASONINE	19121-58-5	100		--

#### 5. HAZARDS IDENTIFICATION

**EC Hazardous Statement:** Not classified as hazardous according to criteria of NOHSC

**Indication of Danger:**  
None.

**Safety Phrases:**  
S36 - Wear suitable protective clothing.

#### 6. HEALTH HAZARD INFORMATION

##### HEALTH EFFECTS

**EMERGENCY OVERVIEW:** May cause skin irritation and/or dermatitis  
**Principle routes of exposure:** Skin  
**Inhalation:** May cause irritation of respiratory tract  
**Ingestion:** May be harmful if swallowed.  
**Skin contact:** May cause allergic skin reaction  
**Eye contact:** Avoid contact with eyes  
**Statements of hazard** MAY CAUSE ALLERGIC SKIN REACTION.

Components	UK Exposure Standards - Carcinogens	UK Exposure Standards - Short
SOLASONINE	Not Listed	Not Listed

Components	UK Exposure Standards - Skin E	UK Exposure Standards - Time W
SOLASONINE	Not Listed	Not Listed

##### FIRST AID

**General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
**Inhalation:** Move to fresh air. Call a physician immediately.  
**Skin contact:** Rinse immediately with plenty of water and seek medical advice  
**Ingestion:** Do not induce vomiting without medical advice.  
**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Protection of first-aiders:** No information available  
**Notes to physician:** None  
**Medical conditions aggravated by exposure:** None known

## 7. PRECAUTIONS FOR USE

**Section 8 Notes:** TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

**Engineering measures:** Ensure adequate ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection:** Self-contained breathing apparatus

**Hand protection:** Pvc disposable gloves

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 8. SAFE HANDLING INFORMATION

**Storage:**

ROOM TEMPERATURE

**Handling:**

**Safe handling advice:**

Use only in area provided with appropriate exhaust ventilation.

Wear personal protective equipment.

**Stability:**

**Polymerization:**

**Hazardous decomposition products:**

Stable under recommended storage conditions.

None under normal processing.

Nitrogen oxides (NOx)/ammonia/CN-

**Materials to avoid:**

**Conditions to avoid:**

Strong oxidising agents

Exposure to air or moisture over prolonged periods.

### Spills and Disposal:

**Personal precautions:**

**Environmental precautions:**

**Methods for cleaning up:**

**Waste from residues / unused products:**

Use personal protective equipment.

Prevent product from entering drains.

Sweep up and shovel into suitable containers for disposal.

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Do not re-use empty containers

**Contaminated packaging:**

### Fire/Explosion Hazards:

<b>Suitable extinguishing media:</b>	Use dry chemical, CO2, water spray or "alcohol" foam
<b>Specific hazards:</b>	Burning produces irritant fumes.
<b>Unusual hazards:</b>	None known
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
<b>Specific methods:</b>	Water mist may be used to cool closed containers.

## 9. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute toxicity

Components	RTECS Number:	Selected LD50s and LC50s
SOLASONINE	WF1300023	Oral LD50 Rat : 4978 mg/kg Oral LD50 Mouse : 27500 ug/kg

<b>Chronic toxicity:</b>	Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
<b>Local effects:</b>	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Specific effects:</b>	May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
<b>Carcinogenic effects:</b>	No data is available on the product itself.
<b>Mutagenic effects:</b>	No data is available on the product itself.
<b>Reproductive toxicity:</b>	No data is available on the product itself.

## 10. ECOLOGICAL INFORMATION

<b>Mobility:</b>	No data available
<b>Bioaccumulation:</b>	No data available
<b>Ecotoxicity effects:</b>	No data available
<b>Aquatic toxicity:</b>	May cause long-term adverse effects in the aquatic environment.

Components	U.S. DOT - Appendix B - Marine Pollutant	U.S. DOT - Appendix B - Severe Marine Pollutants	United Kingdom - The Red List:
SOLASONINE	Not Listed	Not Listed	Not Listed

Components	Germany VCI (WGK)	World Health Organization (WHO) - Drinking Water	Ecotoxicity - Fish Species Data
SOLASONINE	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data	Ecotoxicity - Water Flea Data
SOLASONINE	Not Listed	Not Listed	Not Listed

Components	EPA - ATSDR Priority List	EPA - HPV Challenge Program Chemical List	California - Priority Toxic Pollutants
SOLASONINE	Not Listed	Not Listed	Not Listed

Components	California - Priority Toxic Pollutants	California - Priority Toxic Pollutants
SOLASONINE	Not Listed	Not Listed

## 11. TRANSPORT INFORMATION

### IMDG/IMO

IMDG - Hazard Classifications	Not Applicable
IMDG - Marine Pollutants	Not Applicable
IMDG - Marine Pollutants	Not Applicable
IMDG - Regulated Substances	Not Applicable
IMDG - Severe Marine Pollutants	Not Applicable

### IMO-labels:

Packing group:	None
Proper shipping name:	Not Regulated
UN/Id No:	Not regulated

### ADR/RID

Australia Hazardous Statement:	Not classified as hazardous according to criteria of NOHSC
Hazard Class	No Dangerous goods class allocated
Item:	SOLAMARGININE
ADR/RID-labels:	No Dangerous goods class allocated
UN/Id No:	Not regulated
Emergency Action Code (Hazchem code):	Not required
Proper shipping name:	Not Regulated

### ICAO:

Hazard Class	No Dangerous goods class allocated
Packing group:	None
Proper shipping name:	Not Regulated

## 12. REGULATORY INFORMATION

### International inventories:

SOLASONINE

**EU EINECS List -** 204-774-2; C45H73NO16

**Indication of Danger:**

None.

**Safety Phrases:** S36 - Wear suitable protective clothing.

## 13. OTHER INFORMATION

**Prepared by:** Health & Safety

**Disclaimer:** The information and recommendations contained herein are based upon tests believed to be reliable. However, Glycomix Ltd does not guarantee the accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage maybe required. Glycomix Ltd assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.

