

# SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006  
Generic EU MSDS – No country specific data  
REVISION DATE: 2014-02-06

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: **Saponin, from *Gypsophila oldhamiana***  
Article number: 17-0003

### 1.2 Relevant identified uses of the substance or mixture, and uses advised against

Identified uses: Laboratory chemical, production of chemicals

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

Company: Medicago AB  
Danmark Berga 13  
755 98 Uppsala  
Telephone: +46 (0)18 56 11 80  
Facsimile: +46 (0)18 56 11 88  
E-mail address: info@medicago.se

### 1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) Nr 1272/2008 (EU-GHS/CLP)**

Skin irritant (Category 2)

Specific target organ toxicity – single exposure (Category 3)

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Irritating to eyes and respiratory system.

### 2.2 Label elements

**Labelling according to Regulation (EC) Nr 1272/2008 (EU-GHS/CLP)**



Signal word: Warning

Hazard statement(s)

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary statement(s)

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Complementary hazard information**

None

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

Hazard symbol(s)



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## R-phrase(s)

R36/37 Irritating to eyes and respiratory system.

## S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

**2.3 Other hazards**

no data available

**3. Composition/information on ingredients****3.1 Substances**

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Saponin	-	-	-	>70%	Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319, H335

**4. First aid measures****4.1 Description of first aid measures****If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Rinse mouth with water. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**4.2 Most important symptoms and effects, both acute and delayed**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire fighting measures****5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

No data available

**5.3 Advice for fire fighters**

If necessary, wear self-contained breathing apparatus for fire fighting.

**5.4 Further information**

No data available

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See section 13, Disposal Considerations, for additional information.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3 Specific end use(s)

No data available

## 8. Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Form: solid
Odour	no data available
Odour threshold	no data available
pH	no data available
Melting point/ freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available

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Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	soluble
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

**9.2 Other information**

no data available

**10. Stability and Reactivity****10.1 Reactivity**

no data available

**10.2 Chemical stability**

no data available

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

no data available

**10.6 Hazardous decomposition products**

no data available

**11. Toxicological information****11.1 Information on toxicological effects****11.1.1 Substances****Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/ eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity – single exposure**

Inhalation - May cause respiratory irritation.

**Specific target organ toxicity – repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects**

No data available

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**11.1.2 Mixtures****Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/ eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity – single exposure**

No data available

**Specific target organ toxicity – repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects**

No data available

**12. Ecological information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

No data available

**13. Disposal considerations****13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemical in original containers. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product

## 14. Transport information

### 14.1 UN-number

ADR-RID, IMDG, IATA:

### 14.2 UN proper shipping name

ADR-RID, IMDG, IATA:

### 14.3 Transport hazard class(es)

ADR-RID, IMDG, IATA:

### 14.4 Packaging group

ADR-RID, IMDG, IATA:

### 14.5 Environmental hazards

ADR-RID:	No
IMDG, water pollutant:	No
IATA:	No

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## 15. Regulatory information

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

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

No data available

### 15.2 Chemical safety assessment

No data available

## 16. Other information

This information is based on the current state of knowledge. It is not all inclusive and shall be used only as a guide. Medicago AB shall not be held liable for any damage resulting from handling or from contact with the above product.