

# SAFETY DATA SHEET

## SUPER GAIA

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

#### 1.1. Product identifier

Product name SUPER GAIA  
Product No. 19421

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

Identified uses Self Protection Spray & Alarm

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

Supplier ACCENTIFY  
RIDDARGATAN 17D  
114 57 STOCKHOLM  
Sweden  
+46 (0) 8-40 020 904  
info@supergaia.se

#### 1.4. Emergency telephone number

National Emergency Telephone Number  
112 or 999

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

##### Human health

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause temporary irritation on skin or eye contact. Defense Spray, with the properties to irritate the eyes and to blind a person who is exposed to the product

##### Physical and Chemical Hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

#### 2.2. Label elements

##### Risk Phrases

NC Not classified.

##### Safety Phrases

A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
S23 Do not breathe vapour/spray.  
S51 Use only in well-ventilated areas.

#### 2.3. Other hazards

Contains: This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

ETHANOL		25-60%
CAS-No.: 64-17-5	EC No.: 200-578-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11	

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(-)-Menthol		5-10%
CAS-No.: 2216-51-5	EC No.: 218-690-9	
Classification (EC 1272/2008) Skin Irrit. 2 - H315	Classification (67/548/EEC) Xi;R38.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Get medical attention if any discomfort continues.

#### Inhalation

Fresh air and rest.

#### Ingestion

Drink a few glasses of water or milk. DO NOT INDUCE VOMITING!

#### Skin contact

Wash skin with soap and water.

#### Eye contact

Rinse with water. Contact physician if discomfort continues.

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

#### Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

#### Ingestion

May cause nausea, headache, dizziness and intoxication.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin. Skin irritation.

#### Eye contact

Irritation of eyes and mucous membranes.

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

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

#### Unusual Fire & Explosion Hazards

Heat may cause the containers to explode.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water.

#### Protective equipment for fire-fighters

Wear full protective clothing. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For personal protection, see section 8.

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## **6.2. Environmental precautions**

Prevent entry into drains.

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

Large Spillages: Dam and absorb spillage with sand, sawdust or other absorbent. Small Spillages: Wipe away with paper or textile fabric.

## **6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Keep away from heat, sparks and open flame. Protect against direct sunlight.

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

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place. Store in a dry place.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m3			

WEL = Workplace Exposure Limit.

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Engineering measures**

Well-ventilated area.

#### **Respiratory equipment**

Respiratory protection is not needed.

#### **Hand protection**

Hand protection not required.

#### **Eye protection**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

#### **Other Protection**

Provide eyewash station and safety shower.

#### **Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

Appearance	Aerosol.
Colour	Red.
Odour	Slight odour of alcohol.

### **9.2. Other information**

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Not known

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

#### **Materials To Avoid**

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Toxicological information**

No data is available regarding the preparation it self.

#### **General information**

Defense Spray, with the properties to irritate the eyes and to blind a person who is exposed to the product

#### **Inhalation**

May cause irritation to the respiratory system.

#### **Ingestion**

May irritate and cause stomach pain, vomiting and diarrhoea.

#### **Skin contact**

Prolonged contact may cause redness, irritation and dry skin.

#### **Eye contact**

May cause temporary eye irritation.

#### **Health Warnings**

Serious long-term effects are not known to be related to this type of product.

#### Toxicological information on ingredients.

ETHANOL (CAS: 64-17-5)

#### Acute toxicity:

##### **Acute Toxicity (Oral LD50)**

~ 7060 mg/kg Rat

##### **Acute Toxicity (Dermal LD50)**

> 20000 mg/kg Rabbit

##### **Acute Toxicity (Inhalation LC50)**

~ 124.7 mg/l (vapours) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

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## Ecotoxicity

There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

There are no data on the toxicity of this product.

#### Ecological information on ingredients.

#### ETHANOL (CAS: 64-17-5)

##### Acute Toxicity - Fish

LC50 96 hours ~ 13500 mg/l Pimephales promelas (Fat-head Minnow)

##### Acute Toxicity - Aquatic Invertebrates

EC50 48 hours ~ 5400 mg/l Daphnia magna

##### Acute Toxicity - Aquatic Plants

IC50 72 hours > 10.9 mg/l Marinewater algae

### 12.2. Persistence and degradability

#### Degradability

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

#### Ecological information on ingredients.

#### ETHANOL (CAS: 64-17-5)

##### Bioaccumulation factor

BCF ~ 0.66

##### Partition coefficient

log Pow ~ -0.32

### 12.4. Mobility in soil

#### Mobility:

No information available

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

No information required.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

### 13.1. Waste treatment methods

The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non empty containers should be taken care of as hazardous waste according to local and national regulations.

#### Waste Class

Non empty containers: EWC code 14 06 03\*

Empty containers: EWC code 15 01 04.

## SECTION 14: TRANSPORT INFORMATION

### General

Aerosols may be carried domestically as limited quantities ( 1L ) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

### 14.1. UN number

UN No. (ADR/RID/ADN)

1950

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## 14.2. UN proper shipping name

Proper Shipping Name                      Aerosols

## 14.3. Transport hazard class(es)

ADR/RID/ADN Class                      2.5A

ADR Label No.                              2.2

IMDG Class                                 2.2

ICAO Class/Division                      2.2

## 14.4. Packing group

Not applicable.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

EMS    F-D, S-U

Tunnel Restriction Code                      (E)

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

#### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### National Regulations

COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Revision Date                              24/10/2012

Revision                                      1

#### Risk Phrases In Full

R11    Highly flammable

R38    Irritating to skin.

NC    Not classified.

#### Hazard Statements In Full

H315    Causes skin irritation.

H225    Highly flammable liquid and vapour.