

## Safety Data Sheet

complying with Regulation 1907/2006/EC (REACH Regulation), EU  
2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 09.10.2015

Version number 1

Revision: 09.10.2015

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1 Product identifier

**Trade name:** AEROSOL SPRAY AFRICA QUEEN 250ml

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

No further relevant information available.

**Application of the substance / the mixture:** Room deodorant

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

##### Manufacturer/Supplier:

ACTUS S.A.

1st Entrance 3rd street

Industrial Area, 57022, Sindos

P.O. BOX 1038, Thessaloniki

Tel: +30 2310755635

Fax: +302310 755648

e-mail: [info@hygiene-service.gr](mailto:info@hygiene-service.gr)

Website: [www.hygiene-service.gr](http://www.hygiene-service.gr)

#### 1.4 Emergency telephone number:



Emergency telephone number: 112

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**



GHS02

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**Signal word:** Danger**Hazard statements:**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.

P251 Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/  
international regulations.**Additional information:**

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Acetyl cedrene, Limonene. May produce an allergic reaction.



**Classification according to Directive 75/324/EEC (ADD) and its amendments:**

The product is classified according to the Directive 75/324/EEC (AAD) and its amendments, because its an aerosol dispenser product.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures****Description:** Aerosol**Ingredients:**

CAS: 68512-91-4 EINECS: 270-990-9 Index number: 649-083-00-0 Reg.nr.: 01-2119485926-20-XXXX	Hydrocarbons, C3-4-rich, petroleum distillate  Flam. Gas 1, H220; Press. Gas C, H280	50-100%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	ethanol  Flam. Liq. 2, H225	2.5-<10%

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CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 32388-55-9 EINECS: 251-020-3	Acetyl cedrene  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Sens. 1, H317	0.1-<1%
CAS: 8000-27-9	Cedar wood oil  Asp. Tox. 1, H304;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-≤2.5%
CAS: 1222-05-5 EINECS: 214-946-9 Index number: 603-212-00-7	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-≤2.5%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7	Limonene  Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:** Take affected persons out into the fresh air.

**After inhalation:** Seek medical treatment in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for at least 15 minutes under running water.

Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

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

No further relevant information available.

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

No further relevant information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, dry chemical powder, foam, earth or sand

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

Pressurized container may explode in a fire. Pressurized container may explode if heated, due to excessive pressure build-up.

#### 5.3 Advice for firefighters

##### **Protective equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

##### **Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Keep away from ignition sources.

Ensure adequate ventilation.

Avoid inhalation of vapors.

**6.1.2 For emergency responders** Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

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

Do not flush with water or aqueous cleansing agents

Send for recovery or disposal in suitable receptacles.

#### 6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Open and handle receptacle with care.

Handle with care. Avoid jolting, friction and impact.

Avoid contact with skin, eyes and clothing.

Keep away from heat and direct sunlight.

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**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

Flammable gas-air mixtures may form in empty receptacles.

Keep it in a dry, cool, well ventilated, fixed in advance place, away from sources of heat, flames, ignition and direct sunlight.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Prevent any seepage into the ground.

**Information about storage in one common storage facility:**

Store away from flammable substances.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****57-55-6 propane-1,2-diol**

WEL (Great Britain)	Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm *total vapour and particulates **particulates
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**64-17-5 ethanol**

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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**8.2 Exposure controls****Personal protective equipment****General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

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**Protection of hands:**

Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:** Not required.

**Body protection:** Not required under normal conditions of use.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Aerosol
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined

**pH value:** Not determined

**Melting point/Melting range:** Not determined

**Boiling point/Boiling range:** Not applicable

**Flash point:** Not applicable

**Flammability (solid, gaseous):** Not applicable

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Self-igniting:** Product is not selfigniting.

**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

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**Explosion limits:****Lower:** Not determined**Upper:** Not determined**Oxidising properties** Not considered as oxidising.**Vapour pressure:** Not determined**Density:** Not determined**Relative density** Not determined**Vapour density** Not determined**Evaporation rate** Not applicable**Solubility in / Miscibility with water:** Partly miscible.**Partition coefficient (n-octanol/water):** Not determined**Viscosity:****Dynamic:** Not determined**Kinematic:** Not determined**9.2 Other information** No further relevant information available.**SECTION 10: Stability and reactivity****10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability****Thermal decomposition / conditions to be avoided**

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** Strong oxidising agents**10.6 Hazardous decomposition products** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****LD/LC50 values relevant for classification:****64-17-5 ethanol**

Oral LD50 7060 mg/kg (rat)

Inhalative LC50/4 h (vapour) 20000 mg/l (rat)

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**5989-27-5 Limonene**

Oral	LD50	4400 mg/kg (rat)
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**Primary irritant effect:****Skin corrosion/irritation** No irritating effect.**Serious eye damage/irritation** No irritating effect.**Respiratory or skin sensitisation**

Sensitising effect by skin contact is possible by prolonged exposure.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** Harmful to fish**Additional ecological information:****General notes:**

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

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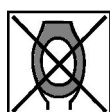
### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

#### 14.1 UN-Number

ADR, IMDG, IATA

UN1950

#### 14.2 UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

#### 14.3 Transport hazard class(es)

ADR



Class

2 5F Gases.

Label

2.1

IMDG, IATA



Class

2.1

Label

2.1

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<b>14.4 Packing group ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards: Marine pollutant:</b>	No
<b>14.6 Special precautions for user Danger code (Kemler): EMS Number:</b>	Warning: Gases. - F-D,S-U

**14.7 Transport in bulk according to Annex  
II of MARPOL73/78 and the IBC Code** Not applicable.

**Transport/Additional information:**

**ADR**  
**Limited quantities (LQ)** 1L  
**Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity  
**Transport category** 2  
**Tunnel restriction code** D

**IMDG**  
**Limited quantities (LQ)** 1L  
**Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity

**UN "Model Regulation":** UN1950, AEROSOLS, 2.1

## SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered from their suppliers.

The product is classified according to the Directive 75/324/EEC (AAD) and its amendments, because its an aerosol dispenser product.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

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**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing MSDS:**

SUSTCHEM Engineering Ltd  
 REACH & Chemical Services Department  
 144, 3rd Septemvriou, GR 112 51, Athens, Greece  
 Tel.: +30 210 8252510 Fax: +30 210 8252575  
 E-mail: info@suschem.gr  
 Website: www.sustchem.gr

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

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Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas C: Gases under pressure: Compressed gas

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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