



Printing date 10.07.2014

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 10.07.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** GERANIUM BOURBON TYPE**Article number:** HRFUK394**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 Multi uses**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

The Soap Kitchen

Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford, Devon, EX39 3DX, UK

Tel: +44 (0)1237 420872

Web: www.thesoapkitchen.co.ukEmail: info@thesoapkitchen.co.uk**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R38-41: Irritating to skin. Risk of serious damage to eyes.



Xi; Sensitising

R43: May cause sensitisation by skin contact.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

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

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. Hazard pictograms

GHS05 GHS07

. Signal word Danger**. Hazard-determining components of labelling:**

Geraniol
Citronellol
isomenthone
pin-2(3)-ene
Menthone
Geranyl Acetate
Eucalyptol

. Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.

. Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 Take off contaminated clothing and wash before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

. 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 characterization: Mixtures**. Description:** NCS (UVCB) Constituents Information**. hazardous components:**

CAS: 106-22-9 EINECS: 203-375-0	Citronellol Xi R38; Xi R43; N R51/53 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	25-50%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol Xi R38-41; Xi R43 Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	10-25%
CAS: 78-70-6 EINECS: 201-134-4	Linalool Xi R38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-25%

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CAS: 491-07-6 EINECS: 207-727-4	isomenthone ❌ Xi R38; ❌ Xi R43 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	2.5-10%
CAS: 87-44-5 EINECS: 201-746-1	beta-caryophyllene ❌ Xn R65 ⚠ Asp. Tox. 1, H304	≤ 2.5%
CAS: 16409-43-1 EINECS: 240-457-5	oxyde de rose ❌ Xn R62; ❌ Xi R38 Repr. Cat. 3 ⚠ Repr. 2, H361; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 2.5%
CAS: 89-80-5 EINECS: 201-941-1	Menthone ❌ Xi R38; ❌ Xi R43 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤ 2.5%
CAS: 150-84-5 EINECS: 205-775-0	citronellyl acetate ❌ Xi R38; ⚠ N R51/53 ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315	≤ 2.5%
CAS: 80-56-8 EINECS: 201-291-9	pin-2(3)-ene ❌ Xn R65; ❌ Xi R38; ❌ Xi R43 R10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤ 2.5%
CAS: 470-82-6 EINECS: 207-431-5	Eucalyptol ❌ Xi R43 R10 ⚠ Flam. Liq. 3, H226; ⚠ Skin Sens. 1, H317	≤ 2.5%
CAS: 105-87-3 EINECS: 203-341-5	Geranyl Acetate ❌ Xi R38; ❌ Xi R43; ⚠ N R51/53 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≤ 2.5%

. Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

. 4.1 Description of first aid measures

. After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air.

. After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

. After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

. After swallowing: Inform doctor. Do not give milk or fatty oils.

. 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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- . **For safety reasons unsuitable extinguishing agents:** Water with full jet
- . **5.2 Special hazards arising from the substance or mixture** Carbon monoxide (CO)
- . **5.3 Advice for firefighters**
- . **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- . **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- . **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**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- . **Information about fire - and explosion protection:** No special measures required.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** Store in the dark.
- . **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- . **Additional information about design of technical facilities:** No further data; see item 7.
- . **8.1 Control parameters**
- . **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- . **Additional information:** The lists valid during the making were used as basis.
- . **8.2 Exposure controls**
- . **Personal protective equipment:**
- . **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.

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*Immediately remove all soiled and contaminated clothing**Wash hands before breaks and at the end of work.**Avoid contact with the skin.**Avoid contact with the eyes and skin.***. Respiratory protection:** *Not required.***. Protection of hands:**

Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**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 exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***. Eye protection:**

Tightly sealed goggles

SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic

. Change in condition

Melting point/Melting range:	Undetermined.
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. Flash point (Pensky Martens DIN 51 758 method): 64 °C

. Flammability (solid, gaseous): Not applicable.

. Ignition temperature:

Decomposition temperature:	Not determined.
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. Self-igniting: Product is not selfigniting.

. Danger of explosion: Product does not present an explosion hazard.

. Density at 20 °C: 0.877-0.887 g/cm³

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. Evaporation rate	Not determined.
. Solubility in / Miscibility with water:	Not miscible or difficult to mix.
. 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- . **10.1 Reactivity**
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** Irritant to skin and mucous membranes.
- . **on the eye:** Strong irritant with the danger of severe eye injury.
- . **Sensitization:** Sensitization possible through skin contact.
- . **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

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:** Toxic for fish
- . **Additional ecological information:**
- . **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for 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

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, IATA

UN3082

. IMDG

Void

. 14.2 UN proper shipping name

. ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Citronellol)

. IMDG

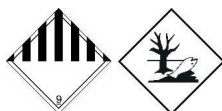
Void

. IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Citronellol)

. 14.3 Transport hazard class(es)

. ADR



. Class

9 (M6) Miscellaneous dangerous substances and articles.

. Label

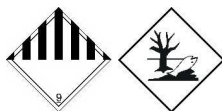
9

. IMDG

. Class

Void

. IATA



. Class

9 Miscellaneous dangerous substances and articles.

. Label

9

. 14.4 Packing group

. ADR, IATA

III

. IMDG

Void

. 14.5 Environmental hazards:

. Marine pollutant:

No

. Special marking (ADR):

Symbol (fish and tree)

. Special marking (IATA):

Symbol (fish and tree)

. 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and
articles.

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. Danger code (Kemler):	90
. 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)	5L
. Transport category	3
. Tunnel restriction code	E
. UN "Model Regulation":	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Citronellol), 9, III

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SECTION 15: Regulatory information

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- . 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- . Relevant phrases**
 - H226 Flammable liquid and vapour.
 - H304 May be fatal if swallowed and enters airways.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H361 Suspected of damaging fertility or the unborn child.
 - H411 Toxic to aquatic life with long lasting effects.
 - H412 Harmful to aquatic life with long lasting effects.
- . R10** Flammable.
- . R38** Irritating to skin.
- . R41** Risk of serious damage to eyes.
- . R43** May cause sensitisation by skin contact.
- . R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- . R62** Possible risk of impaired fertility.
- . R65** Harmful: may cause lung damage if swallowed.
- . Department issuing MSDS:** Department Essentials Oils
- . 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 Harmonized 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)
 - Flam. Liq. 3: Flammable liquids, Hazard Category 3
 - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 - Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
 - Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

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

Repr. 2: Reproductive toxicity, Hazard Category 2

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

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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

. Sources Michel RIQUIER / Technical Manager

. * Data compared to the previous version altered.

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