

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Geranium, Egyptian T176

Version: 2

1. IDENTIFICATION

Product Identifier

Product identifier: Geranium, Egyptian; CAS: 8000-46-2

Other identifiers: Geranium, Egyptian T176 Pelargonium graveolens

Recommended use of the chemical and restrictions on use

Product uses: Fragrances, natural cosmetics and spa treatments

Supplier Details

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX
United Kingdom

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

Emergency telephone number

Emergency phone:

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 1
Sensitization - Skin Category 1
Toxic to Reproduction Category 2

Signal word: Danger

Hazard statements: Combustible liquid.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Suspected of damaging fertility or the unborn child (exposure route).
Combustible liquid.

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M factor: None

Pictograms:



Precautionary statements:

Do not handle until all safety precautions have been read and understood.
Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Avoid breathing vapour or dust.
Wash hands and other contacted skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Immediately call a POISON CENTER or doctor/physician.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
Store in a well-ventilated place. Keep cool.
Store locked up.
Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Geranium, Egyptian; CAS: 8000-46-2

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Contains:

Name	CAS	%	GHS Classification
Citronellol	106-22-9	20-<50%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B; H315-H317-H319
Geraniol	106-24-1	10-<20%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1B; H315-H317-H318
Citronellyl formate	105-85-1	5-<10%	Skin Irrit. 2-Skin Sens. 1B;H315-H317
d,l-Isomenthone	491-07-6	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Skin Sens. 1B; H227-H315-H317-H227
Linalool	78-70-6	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319-H227
Geranyl formate	105-86-2	1-<5%	Flam. Liq. 4-Skin Sens. 1B;H227-H317-H227
Menthone	10458-14-7	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Skin Sens. 1B; H227-H315-H317-H227
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
Geranial	141-27-5	1-<5%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B; H315-H317-H319
cis-Rose oxide	876-17-5	1-<5%	Skin Irrit. 2-Eye Irrit. 2A-Repr. 2;H315-H319-H361
Geranyl acetate	105-87-3	1-<5%	Skin Irrit. 2-Skin Sens. 1B;H315-H317
Citronellyl butyrate	141-16-2	0.1-<1%	Skin Sens. 1B;H317
alpha-Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317-H226
Neral	106-26-3	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B; H315-H317-H319
Nerol	106-25-2	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1B; H315-H317-H318
Limonene	7705-14-8	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317-H226
Citronellal	106-23-0	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319-H227
6-Methyl-3,5-heptadien-2-one	1604-28-0	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319-H227
beta-Pinene	127-91-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317-H226
Terpinolene	586-62-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1; H304-H227-H317-H227

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

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

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

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Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Suspected of damaging fertility or the unborn child (exposure route).

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	176 °F / 80 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined

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Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 1
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
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:	Toxic to Reproduction Category 2

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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.

Additional Information None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Harmful to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	Not classified	-	-	-	-
US DOT	Not classified	-	-	-	-
US DOT (Bulk)	NA1993		Comb liq	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: Not environmentally hazardous for transport

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Special precautions for user: None additional

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

Not classified

15. REGULATORY INFORMATION

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

RIFM ID Number: 545-E2.12

LM Unique Identifier: LM1953

Additional information

None additional

16. OTHER INFORMATION

Issue date: 01/24/2023

Version: 2 Version Date: 12/09/2022

Key to revisions:

- 2 Classification
- 3 Composition/information on ingredients
- US Department Of Transport Bulk Class
- US Department Of Transport Bulk ID
- US Department Of Transport Bulk Packing Group
- US Department Of Transport Bulk Proper Shipping Name
- US Department Of Transport Bulk Sub Risks
- US Department Of Transport Class
- US Department Of Transport ID
- US Department Of Transport Packing Group
- US Department Of Transport Proper Shipping Name
- US Department Of Transport Sub Risks

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.