SAFETY DATA SHEET (SDS)

Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878 and GHS.

Premium Rose Absolute

SECTION 01: Identification of the substance/mixture and of the company/undertaking

Product identifier

Description	Details
Product Name:	Premium Rose Absolute (Turkey)
CAS Number:	8007-01-0
EC Number:	290-260-3

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

Application of the substance / the preparation:
Aromatic ingredient(s). Industrial use only.

Uses advised against:
not applicable

Supplier:
Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 02: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification	Hazard Statement
GHS05	Eye Dam. 1 - H318 Causes serious eye damage.
GHS07	Skin Irrit. 2 - H315 Causes skin irritation.
GHS07	Skin Sens. 1 - H317 May cause an allergic skin reaction.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

Additional information:
Full text of H statements: see section 16.

Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS05, GHS07

Signal word: Danger

Hazard-determining components of labelling:
dl-Citronellol / Geraniol / Nerol / Phenethyl acetate

Hazard statements

Code	Statement
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P302+P352	IF ON SKIN: Wash with plenty of water.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: None of the ingredients is listed.

vPvB: None of the ingredients is listed.

Determination of endocrine-disrupting properties:
None of the ingredients is listed.

SECTION 03: Composition/information on ingredients

Chemical characterization

Description	Details
CAS Number	8007-01-0
EINECS Number	290-260-3

Dangerous components

CAS Number	Component	EC Number	Concentration (%)
60-12-8	Phenylethyl alcohol	200-456-2	40,00–50,00
106-22-9	dl-Citronellol	203-375-0	5,00–10,00
629-92-5	nonadecane	211-116-8	5,00–10,00
106-24-1	Geraniol	203-377-1	1,00–5,00
64-17-5	ethanol	200-578-6	1,00–5,00
106-25-2	Nerol	203-378-7	1,00–5,00
97-53-0	Eugenol	202-589-1	1,00–5,00
629-78-7	Heptadecane	211-108-4	0,10–1,00
100-51-6	Benzyl alcohol	202-859-9	0,10–1,00
4602-84-0	Farnesol	225-004-1	0,10–1,00
93-15-2	Methyl eugenol	202-223-0	0,10–1,00
5392-40-5	Citral	226-394-6	0,10–1,00
105-87-3	Geranyl acetate	203-341-5	0,10–1,00
78-70-6	Linalool	201-134-4	0,10–1,00
103-45-7	Phenethyl acetate	203-113-5	0,10–1,00
16409-43-1	ROSE OXIDE (Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran)	240-457-5	0,10–1,00
87-44-5	beta-Caryophyllene	201-746-1	0,10–1,00
97-54-1	Isoeugenol	202-590-7	0,001–0,10

Hazard classifications of components

Component	Hazard Classification / Additional Information
Phenylethyl alcohol	Acute Tox. 4 - H302, Eye Irrit. 2 - H319. Oral: ATE = 1609,3 mg/kg
dl-Citronellol	Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317
nonadecane	Asp. Tox. 1 - H304
Geraniol	Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1 - H317
ethanol	Flam. Liq. 2 - H225; Eye Irrit. 2 - H319; Eye Irrit. 2; H319: C >= 50 %
Nerol	Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317
Eugenol	Eye Irrit. 2 - H319, Skin Sens. 1B - H317

Heptadecane	Asp. Tox. 1 - H304
Benzyl alcohol	Acute Tox. 4 - H302, Eye Irrit. 2 - H319, Skin Sens. 1B - H317
Farnesol	Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Acute 1 - H400 (M=1), Aquatic Chronic 1 - H410 (M=1)
Methyl eugenol	Muta. 2, Carc. 2; Acute Tox. 4 - H302; Muta. 2 - H341, Carc. 2 - H351
Citral	Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317
Geranyl acetate	Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Chronic 3 - H412
Linalool	Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317
Phenethyl acetate	Eye Dam. 1 - H318
ROSE OXIDE	Repr. 2; Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; Repr. 2 - H361
beta-Caryophyllene	Asp. Tox. 1 - H304; Skin Sens. 1B - H317
Isoeugenol	Acute Tox. 4 - H302, Acute Tox. 4 - H312, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1A - H317, STOT SE 3 - H335; Skin Sens. 1A; H317: C >= 0,01 %

SECTION 04: First aid measures

Description of first aid measures

General information:
Seek immediate medical advice.

After inhalation:
Supply fresh air; consult doctor in case of complaints.

After skin contact:
Immediately wash with water and soap and rinse thoroughly.

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

After swallowing:
If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 05: Firefighting measures

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:
Non applicable

Special hazards arising from the substance or mixture
No further relevant information available.

Advice for firefighters
No specific advice

SECTION 06: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Wear protective equipment. Keep unprotected persons away.

For emergency responders:
Wear protective equipment. Keep unprotected persons away.

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

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

Reference to other sections
See Section 13 for disposal information.

SECTION 07: Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes Wear appropriate protective equipments (gloves, glasses ...)

Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:
Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)

Information about storage in one common storage facility:
Not required.

Further information about storage conditions:
None.

Specific end use(s)
No further relevant information available.

SECTION 08: Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

64-17-5 — ethanol — 1,00–5,00 %

VLEP	Value	Unit
Short-term value	9500	mg/m3
Short-term value	5000	ppm
Long-term value	1900	mg/m3
Long-term value	1000	ppm

Ingredients with biological limit values:
No further relevant information available.

Exposure controls

Appropriate engineering controls:
No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:
Avoid contact with the eyes and skin.

Eye/face protection:
Safety glasses

Skin protection — Protection of hands:
Only use chemical-protective gloves with CE-labelling of category III.

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

Material of gloves — 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.

Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.

Thermal hazards:
No further relevant information available.

Environmental exposure controls:
No further relevant information available.

SECTION 09: Physical and chemical properties

Information on basic physical and chemical properties

Property	Value
Physical state	Fluid
Form	Fluid
Odour	Characteristic
Odour threshold	Characteristic
Melting point/freezing point	< -20 °C
Boiling point or initial boiling point and boiling range	> 35 °C
Flammability	Not applicable.
Lower explosion limit	Not determined.
Upper explosion limit	Not determined.
Flash point	80 °C
Auto-ignition temperature	380 °C — EU Method A.15
Ignition temperature	Undetermined.
Decomposition temperature	210 °C — OECD 103 Not determined.
pH	Not determined.
Kinematic viscosity	Not determined.
Dynamic viscosity	Not determined.
Solubility in water	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure	at 20 °C: 40,7000 mbar; at 25 °C: 52,8000 mbar
Density	Not determined.

Relative density	0,9650–0,9950 (20°C)
Vapour density	Not determined.
Particle characteristics	Not determined.
Other information	No further relevant information available.
Surface tension	47,04 mN/m — OECD 115
Explosive properties	Non explosive (UN Manual of Tests and Criteria: Part I,GLP)

Information with regard to physical hazard classes

Physical Hazard Class	Result
Explosives	not applicable
Flammable gases	not applicable
Aerosols	not applicable
Oxidising gases	not applicable
Gases under pressure	not applicable
Flammable liquids	not applicable
Flammable solids	not applicable
Self-reactive substances and mixtures	not applicable
Pyrophoric liquids	not applicable
Pyrophoric solids	not applicable
Self-heating substances and mixtures	not applicable
Substances and mixtures, which emit flammable gases in contact with water	not applicable
Oxidising liquids	not applicable
Oxidising solids	not applicable
Organic peroxides	not applicable
Corrosive to metals	not applicable
Desensitised explosives	not applicable
Other safety characteristics	Not determined.
Evaporation rate	Not determined.

SECTION 10: Stability and reactivity

Reactivity
No further relevant information available.

Chemical stability
Good stability at conditions of use mentionned in point 7 and 10

Possibility of hazardous reactions
Reacts with strong oxidising agents.

Conditions to avoid

Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.

Incompatible materials
No further relevant information available.

Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11: Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:
Acute oral toxicity: Not classified according to CLP LD50 > 5000 mg/kg bw (Rat, similar to OECD 401)

Skin corrosion / irritation:
Skin irritating (CAT 2, based on the rules of the CLP Regulation for classification of mixtures). Causes skin irritation.

Serious eye damage / irritation:
Irreversible effects on the eye (CAT 1, based on the rules of the CLP Regulation for classification of mixtures). Causes serious eye damage.

Respiratory / skin sensitization:
Skin sensitizer (based on the rules of the CLP Regulation for classification of mixtures). May cause an allergic skin reaction.

Germ cell mutagenicity:
Non mutagenic (based on the rules of the CLP Regulation for classification of mixtures)

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.

Information on other hazards

Endocrine disrupting properties:
None of the ingredients is listed.

Other information:
No further relevant information available.

SECTION 12: Ecological information

Toxicity

Aquatic toxicity — ROSE ABSOLUE TURQUIE

Test	Result
ErC50-72h	175 mg/l (Alga) (Freshwater, OECD 201, GLP)
EC50-48h	29,1 mg/l (Daphnia) (Freshwater, OECD 202, GLP)

Persistence and degradability

Readily Biodegradable (Freshwater, OCDE 301F, GLP)
Harmful to aquatic life with long lasting effects.

Bioaccumulative potential
Not available

Mobility in soil
Not available

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.

Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

Waste treatment methods

Recommendation:
Must be specially treated adhering to official regulations.

Uncleaned packaging — Recommendation:
Disposal must be made according to official regulations.

SECTION 14: Transport information

UN number or ID number

Transport	Result
ADR	Void
IMDG	Void
IATA	Void

UN proper shipping name

Transport	Result
ADR	Void
IMDG	Void
IATA	Void

Transport hazard class(es)

Transport	Class
ADR	Void
IMDG	Void
IATA	Void

Packing group

Transport	Result
ADR	Void
IMDG	Void
IATA	Void

Environmental hazards
Not applicable.

Special precautions for user
Not applicable.

Maritime transport in bulk according to IMO instruments
Not applicable.

SECTION 15: Regulatory information

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

REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations

Waterhazard class:
Water hazard class 2 (Self-assessment): hazardous for water.

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

Code	Description
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.

H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Department issuing MSDS
Legislation / Regulatory Affair Department

Abbreviations and acronyms

Abbreviation	Description
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
IATA-DGR	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO	International Civil Aviation Organisation
ICAO-TI	Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
CAS	Chemical Abstracts Service (division of the American Chemical Society)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
PBT	Persistent, Bioaccumulative and Toxic
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

Authorised by:
Fozia Khot
Director