



SAFETY DATA SHEET

Issuing date 29-Jun-2016

Revision Date 29-Jun-2016

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name ROSE ACCORD
Product code 128L09

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

Recommended Use Industrial (not for food or food contact use)
Product Type Fragrance
Uses advised against No information available

1.3 Details of the supplier of the safety data sheet

Supplier Address Flavor & Fragrance Specialties
3 Industrial Ave. Mahwah, New Jersey 07430
1-201-825-2025 / 1-800-998-4337
<http://www.ffi.com>

For further information, please contact:

E-mail Address www.regulatory@ffi.com

1.4 Emergency telephone number

Chemical Emergency Phone Number Chemtrec 1-800-424-9300
Company Emergency Phone Number 1-201-825-2025 / 1-800-998-4337
Emergency telephone 1-973-248-0278
Europe 112

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Sub-Category 1B
Chronic aquatic toxicity	Category 2

2.2 Label elements



Signal Word

Warning

Hazard Statements

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements

- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P272 - Contaminated work clothing should not be allowed out of the workplace
- P273 - Avoid release to the environment
- 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
- P321 - Specific treatment (see supplemental first aid instructions on this label)
- P332 + P313 - If skin irritation occurs: Get medical advice/ attention
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
- P337 + P313 - If eye irritation persists: Get medical advice/ attention
- P391 - Collect spillage
- P501 - Dispose of contents/ container to an approved waste disposal plant

Precautionary Statements - EU (§28, 1272/2008)

- P280 - Wear eye protection/ face protection
- P321 - Specific treatment (see supplemental first aid instructions on this label)

2.3 Other information

General Hazards

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not Applicable

3.2 Mixtures

Chemical Name	EC Number	CAS-No	*Weight %	GHS Classification (Reg. 1272/2008)	REACH Registration Number
PEONILE	423-740-1	10461-98-0	20-30	Acute Tox. 4 (H302) Aquatic Chronic 2 (H411)	no data available
alpha,alpha-Dimethylp	205-781-3	151-05-3	10-20	Acute Tox. 5 (H303)	no data available

henethyl acetate				Irrit. 3 (H316) Aquatic Chronic 3 (H412)	
Geranyl acetate	Present	105-87-3	10-20	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)	no data available
PHENYL ETHYL PHEN ACET	203-013-1	102-20-5	10-20	Aquatic Chronic 2 (H411)	no data available
CITRONELLOL 90/92	203-375-0	106-22-9	10-20	Acute Tox. 5 (H313) Acute Tox. 5 (H303) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	no data available
4-Methyl-3-decen-5-ol	279-815-0	81782-77-6	1-5	Aquatic Acute 1 (H400) Flam. Liq. 4 (H227)	no data available
PHENYL ETHYL ACETATE	203-113-5	103-45-7	1-5	Acute Tox. 5 (H303) Eye Dam. 1 (H318)	no data available
Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	240-457-5	16409-43-1	1-5	Acute Tox. 5 (H303) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402) Flam. Liq 4 (H227) Skin Irrit. 2 (H315) REP 2 (H361)	no data available
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	260-709-8	57378-68-4	1-5	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Rinse mouth.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Protection of First-aiders	Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Long Term Effects No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Special Hazard

None.

5.3 Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with the skin and the eyes.

See Section 12 for additional Ecological Information.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4 Reference to other sections

Other information See Section 12 for additional Ecological Information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear personal protective equipment. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

7.3 Specific end uses

Specific use(s) No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye Protection

Wear protective gloves and eye/face protection

Hand Protection

Protective gloves

Skin and body protection

Long sleeved 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
Where there is potential for airborne exposure above the exposure limit an approved air purifying respirator equipped with Type A, organic gases and vapors filter (as specified by the manufacturer) in combination with Type P2 - Medium efficiency particle filters may be used

Hygiene measures When using, do not eat, drink or smoke Remove and wash contaminated clothing before re-use

Environmental Exposure Controls Do not allow material to contaminate ground water system

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Liquid
Odor Characteristic
Odor Threshold No information available

Appearance Liquid
Color Characteristic

Property

Values

Remarks • Methods

pH No information available
Melting/freezing point No information available
Freezing Point No information available
Boiling point/boiling range No information available

Flash Point	> 93.333 °C / > 200 °F	Closed cup
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
upper flammability limit		
lower flammability limit		
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	0.939	@ 22 °C
Water solubility	Oil Soluble	No information available
Solubility in other solvents		No information available
Partition coefficient: n-octanol/water		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Upper/Lower Explosive limits (vol%)	No information available	
Oxidizing Properties	No information available	

9.2 Other information

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product Information

This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using

current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution.

Inhalation There is no data available for this product.
Eye contact There is no data available for this product.
Skin contact There is no data available for this product.
Ingestion There is no data available for this product.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
PEONILE	619 mg/kg		
alpha,alpha-Dimethylphenethyl acetate	3300 mg/kg		
Geranyl acetate	6330 mg/kg (Rat)		
PHENYL ETHYL PHEN ACET	15 g/kg (Rat)		
CITRONELLOL 90/92	3450 mg/kg	2650 mg/kg	
PHENYL ETHYL ACETATE	3670 mg/kg		
Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	4300 mg/kg		
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	1400 mg/kg		

Chronic toxicity

Sensitization No information available
Reproductive toxicity Suspected of damaging fertility or the unborn child
Target Organ Effects No information available
Endocrine Disruptor Information None known

ATE (Acute Toxicity Estimate)

Oral 2,081.00 mg/kg
 Dermal 3,978.00 mg/kg
 Inhalation No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

Waste from residues / unused products	Dispose of in accordance with local regulations. Do not empty into drains.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

Dot	Not regulated
IMDG / IMO	
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (PEONILE AND GERANYL ACETATE *FL)
Hazard class	9
UN/ID No	3082
Packing Group	III
EmS No.	F-A, S-F
ICAO/IATA	
UN/ID No	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (PEONILE AND GERANYL ACETATE *FL)
Hazard class	9
Packing Group	III
ADR/RID	
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (PEONILE AND GERANYL ACETATE *FL)
Hazard class	9
UN/ID No	3082
Packing Group	III
Tunnel Restriction Code	E
Excepted Quantity	E1

15. REGULATORY INFORMATION

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

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Not determined
IECSC	Complies
KECL	Not determined
PICCS	Complies
AICS	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

FEMA High Priority Substances

Not applicable

15.2 Chemical Safety Assessment

No information available

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H411 - Toxic to aquatic life with long lasting effects
H303 - May be harmful if swallowed
H318 - Causes serious eye damage
H302 - Harmful if swallowed
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H401 - Toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects
H313 - May be harmful in contact with skin
H319 - Causes serious eye irritation
H316 - Causes mild skin irritation
H402 - Harmful to aquatic life
H227 - Combustible liquid
H361 - Suspected of damaging fertility or the unborn child if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Revision Date 29-Jun-2016

Revision Note not applicable.

** This product contains no added diacetyl as an ingredient. But, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be

present.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.