

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: RUSSIAN LEATHER RL-1 A60635

Other identifiers: None

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

Product uses: Fragrance

1.3 Details of the supplier of the safety data sheet

Company name: Perfumer's Apprentice

Company address: 170 Technology Circle
Scotts Valley, CA
CA 95060

Contact: Regulatory Affairs

E-Mail address: Regulatory@PerfumersApprentice.com

Company phone: + 001 (831) 316 7137

1.4 Emergency telephone number

Emergency phone: +001 (732) 919 1112

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of danger: Flammable Liquid, Hazard Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Carcinogenicity Category 2
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H227, Combustible liquid.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H351, Suspected of causing cancer (exposure route).
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

2.2 Label elements

Signal word: Warning

Hazard statements: H227, Combustible liquid.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H351, Suspected of causing cancer (exposure route).
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

Precautionary statements: P202, Do not handle until all safety precautions have been read and understood.
P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted 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/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313, IF exposed or concerned: Get medical advice/attention.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None



SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Name	CAS	EC	%	GHS Classification
Methyl ester of rosin (partially hydrogenated)	8050-15-5	232-476-2	20-<50%	EH A3-EH C3;H412
Benzyl benzoate	120-51-4	204-402-9	10-<20%	ATO 4-ATD 5-EH A1-EH C2;H302-H313-H400-H411
Linalyl acetate	115-95-7	204-116-4	5-<10%	FL 4-SCI 2-EDI 2A-EH A3;H227-H315-H319-H402
alpha-iso-Methylionone	127-51-5	204-846-3	1-<5%	SCI 2-EDI 2B-SS 1B-EH A2-EH C2;H315-H317-H320-H411
d-Limonene	5989-27-5	227-813-5	1-<5%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410
Diethyl phthalate	84-66-2	201-550-6	1-<5%	SCI 3-EH A3;H316-H402
Linalool	78-70-6	201-134-4	1-<5%	FL 4-ATO 5-SCI 2-EDI 2A-EH A3;H227-H303-H315-H319-H402
Cedrol	77-53-2	201-035-6	1-<5%	FL 4-SCI 3-EH A2-EH C2;H227-H316-H411
Musk ketone	81-14-1	201-328-9	1-<5%	SCI 3-CAR 2-EH A1-EH C1;H316-H351-H410
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	214-946-9	1-<5%	SCI 3-EH A1-EH C1;H316-H410
3,4,5,6,6-Pentamethylheptan-2-ol	87118-95-4	401-030-0	1-<5%	FL 4-EH A2-EH C2;H227-H411
p-Mentha-1,4-diene	99-85-4	202-794-6	1-<5%	FL 3-ATO 5-SCI 3-AH 1;H226-H303-H304-H316
Benzyl acetate	140-11-4	205-399-7	1-<5%	ATO 5-SCI 3-EH A2-EH C3;H303-H316-H401-H412
Coumarin	91-64-5	202-086-7	1-<5%	ATO 4-SS 1B-EH A3;H302-H317-H402
3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	3407-42-9	222-294-1	1-<5%	SCI 2-EDI 2A-EH A3-EH C3;H315-H319-H412
beta-Pinene	127-91-3	204-872-5	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410
alpha-Pinene	80-56-8	201-291-9	0.1-<1%	FL 3-ATO 5-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H303-H304-H315-H317-H410
Benzyl salicylate	118-58-1	204-262-9	0.1-<1%	ATO 5-EDI 2B-SS 1B-EH A2-EH C3;H303-H317-H320-H401-H412
alpha-Hexylcinnamaldehyde	101-86-0	202-983-3	0.1-<1%	ATO 5-SCI 3-SS 1B-EH A1-EH C2;H303-H316-H317-H400-H411
alpha-Terpineol	98-55-5	202-680-6	0.1-<1%	FL 4-ATO 5-SCI 2-EDI 2A-EH A2;H227-H303-H315-H319-H401
p-Cymene	99-87-6	202-796-7	0.1-<1%	FL 3-ATO 5-SCI 3-AH 1-EH A2-EH C2;H226-H303-H304-H316-H411
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	0.1-<1%	ATO 5-SS 1B-EH A2;H303-H317-H401
Nerolidol (isomer unspecified)	7212-44-4	230-597-5	0.1-<1%	EDI 2A-EH A1-EH C1;H319-H410
alpha-Amylcinnamaldehyde	122-40-7	204-541-5	0.1-<1%	ATO 5-SCI 3-SS 1B-EH A2-EH C2;H303-H316-H317-H411
beta-Caryophyllene	87-44-5	201-746-1	0.1-<1%	SCI 3-AH 1;H304-H316
Geranyl acetate	105-87-3	203-341-5	0.1-<1%	SCI 2-SS 1B-EH A2-EH C3;H315-H317-H401-H412
Eugenol	97-53-0	202-589-1	0.1-<1%	ATO 5-SCI 3-EDI 2A-SS 1B-EH A2;H303-H316-H317-H319-H401
Terpinolene	586-62-9	209-578-0	0.1-<1%	FL 4-ATO 5-SCI 3-SS 1B-AH 1-EH A1-EH C1;H227-H303-H304-H316-H317-H410
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	248-908-8	0.1-<1%	EDI 2A-EH A1-EH C1;H319-H410
Myrcene	123-35-3	204-622-5	<0.1%	FL 3-SCI 2-EDI 2A-AH 1;H226-H304-H315-H319
alpha-Cedrene	469-61-4	207-418-4	<0.1%	SCI 3-AH 1-EH A1-EH C1;H304-H316-H410
dl-Limonene (racemic)	138-86-3	205-341-0	<0.1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410
beta-Cedrene	546-28-1		<0.1%	SCI 3-EH A1-EH C1;H316-H410

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Substances with Community workplace exposure limits, not listed above:

Name	CAS	EC	%
Butylated hydroxytoluene	128-37-0	204-881-4	0.08%
Diethyl phthalate	84-66-2	201-550-6	3.69%

Section 4. First-aid measures

4.1 Description of first aid measures

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.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of causing cancer (exposure route).

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

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

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

6.3 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.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 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.

7.2 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.

7.3 Specific end use(s):

Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	ppm	mg/m ³	Reference
Butylated hydroxytoluene	128-37-0	204-881-4	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minute reference period)	-	-	-
Diethyl phthalate	84-66-2	201-550-6	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minute reference period)	-	-	-

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 71 °C
Vapour pressure:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

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

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of causing cancer (exposure route).

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: >5000

Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: >5000

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	204-402-9	1500	4000	Not available	Not available
Coumarin	91-64-5	202-086-7	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

Section 13. Disposal considerations

13.1 Waste treatment methods:

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.

Section 14. Transport information

14.1 UN number: UN3082
14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene, Musk ketone)
14.3 Transport hazard class(es): 9
Sub Risk: -
14.4. Packing Group: III
14.5 Environmental hazards: This is an environmentally hazardous substance.
14.6 Special precautions for user: None additional
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
 Not applicable

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH A1=93.97% EH A2=9.06% EH A3=0.88878155% EH C2=18.80% EH C3=1.83% EH C4=33.62% SCI 2=53.93% SCI 3=4.66% EDI 2A=70.08% SS 1=23.39% CAR 2=44.92%

Total Fractional Values: EH A1=1.06 EH A2=11.04 EH A3=112.51 EH C2=5.32 EH C3=54.77 EH C4=2.97 SCI 2=1.85 SCI 3=21.44 EDI 2A=1.43 SS 1=4.28 CAR 2=2.23

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 5	Acute Toxicity - Dermal Category 5
ATO 4	Acute Toxicity - Oral Category 4
ATO 5	Acute Toxicity - Oral Category 5

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

CAR 2	Carcinogenicity Category 2
EDI 2A	Eye Damage / Irritation Category 2A
EDI 2B	Eye Damage / Irritation Category 2B
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH A2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
EH A3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
FL 4	Flammable Liquid, Hazard Category 4
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H351	Suspected of causing cancer (exposure route).
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: RUSSIAN LEATHER

Version: 1

P281	Use personal protective equipment as required.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SCI 3	Skin Corrosion / Irritation Category 3
SS 1B	Sensitization - Skin Category 1B

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.