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Safety Data Sheet
Jasmine Absolute
(Jasminum grandiflorum)

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute
Version: 8

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

1.1 Product Identifier

Product identifier: Jasmin Absolute; CAS: 84776-64-7; REACH REG: REACH Exempt, <1TPA
Other identifiers: Jasmin Absolute

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

Product uses: Flavours,Food use.,Fragrances,Cosmetics,Professional Use Only

1.3 Details of the supplier of the safety data sheet

Company name: NHR Organic Oils Ltd.
Company address: 24 Chatham Place Brighton BN1 3TN UK
Contact: Technical dept.
E-Mail address: info@nhrorganicoils.com
Company phone: +44 (0)1273 746505

1.4 Emergency telephone number

Emergency phone: +44 (0)1273 746505

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under GB GHS UK SI 2020 No. 1567

Class and category of danger:
Acute Toxicity - Oral Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 1
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H302, Harmful if swallowed.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H317, May cause an allergic skin reaction.
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute
Version: 8
2.2 Label elements

Classification under GB GHS UK SI 2020 No. 1567

Signal word: Danger

Hazardous ingredients/components for labelling: None

Hazard statements:
H302, Harmful if swallowed.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H317, May cause an allergic skin reaction.
H410, Very toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements:
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.
P273, Avoid release to the environment.
P272, Contaminated work clothing should not be allowed out of the workplace.
P280, Wear protective gloves/eye protection/face protection.
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.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310, Immediately call a POISON CENTER or doctor/physician.
P330, Rinse mouth.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

2.3 Other hazards

Other hazards:

Substance does not meet the criteria for PBT or vPvB according to GB REACH UK SI 2020 No. 1577.

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Jasmin Absolute; CAS: 84776-64-7; REACH REG: REACH Exempt, <1TPA

Contains:

Name	CAS	EC	GB REACH Registration No.	%	GB GHS UK SI 2020 No. 1567
Benzyl benzoate	120-51-4	204-402-9		20-<50%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-H411,-
Benzyl acetate	140-11-4	205-399-7		20-<50%	Aquatic Chronic 3; H412,-
Linalool	78-70-6	201-134-4		10-<20%	Eye Irrit. 2-Skin Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
Phytol	150-86-7	205-776-6		1-<5%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
Isophytol	505-32-8	208-008-8		1-<5%	Skin Irrit. 2-Aquatic Chronic 1-Aquatic Acute 1;H315-H400-H410,-
Indole	120-72-9	204-420-7		1-<5%	Acute Tox. 4-Acute Tox. 3-Eye Dam. 1; H302-H311-H318,-
Eugenol	97-53-0	202-589-1		1-<5%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-
Benzyl alcohol	100-51-6	202-859-9		1-<5%	Eye Irrit. 2-Acute Tox. 4;H302-H319,-
p-Cresol	106-44-5	203-398-6		1-<5%	Acute Tox. 3-Acute Tox. 3-Skin Corr. 1B-Eye Dam. 1-Aquatic Chronic 3;H301-H311-H314-H318-H412,-
2-Hexadecen-1-ol, 3,7,11,15-tetramethyl-	7541-49-3	416-120-5		1-<5%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
cis-Jasmone	488-10-8	207-668-4		1-<5%	Skin Irrit. 2;H315,-
5-Hydroxy-7-decenoic acid delta-lactone	25524-95-2	247-074-2		0.1-<1%	Skin Sens. 1;H317,-
trans-Nerolidol	40716-66-3	255-053-4		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1-Aquatic Acute 1;H317-H319-H400-H410,-
Methyl hexadecanoate	112-39-0	203-966-3		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
cis-3-Hexenyl benzoate	25152-85-6	246-669-4		0.1-<1%	Skin Sens. 1B-Aquatic Chronic 2;H317-H411,-
Nerolidol (isomer unspecified)	7212-44-4	230-597-5		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1-Aquatic Acute 1;H317-H319-H400-H410,-

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

Section 4. First-aid measures

4.1 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: IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

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.

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.

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

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):

Flavours,Food use.,Fragrances,Cosmetics,Professional Use Only: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) 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:	Clear liquid, amber.
Odour:	Characteristic – light, floral, sweet.
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

Initial boiling point / range:	Not determined
Flash point:	> 92 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.9520 - 0.9750
Solubility(ies):	Insoluble in water.
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

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.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Acute Toxicity - Oral Category 4
Acute Toxicity Oral	1910
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:	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 about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Benzyl alcohol	100-51-6	202-859-9	1570			
Benzyl benzoate	120-51-4	204-402-9	1160			
Indole	120-72-9	204-420-7	1000	790		
p-Cresol	106-44-5	203-398-6	207	300		

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 GB REACH UK SI 2020 No. 1577.

12.6 Other adverse effects: Not available

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.

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

Section 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	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isophytol, Benzyl benzoate)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isophytol, Benzyl benzoate) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isophytol, Benzyl benzoate)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isophytol, Benzyl benzoate)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

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: SCI 2=23.16% EDI 1=54.45% EDI 2=13.27% SS 1(GB)=6.67% EH A1=84.49% EH C2(GB)=35.26% EH C3(GB)=3.40% EH C4(GB)=45.21%

Total Fractional Values: SCI 2=4.32 EDI 1=1.84 EDI 2=7.54 SS 1(GB)=15.00 EH A1=1.18 EH C2(GB)=2.84 EH C3(GB)=29.39 EH C4(GB)=2.21

Key to revisions:

Classification under Regulation (EC) No 1272/2008
GB GHS Hazard Category and Statement Summary
Hazardous Ingredients disclosed in a GB GHS Safety Data Sheet with banded concentrations
Sensitisers declared on a GB GHS Hazard Label

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 3	Acute Toxicity - Dermal Category 3
Acute Tox. 3	Acute Toxicity - Oral Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic 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.
P260	Do not breathe vapour or dust.
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.
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.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
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.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P332/313	If skin irritation occurs: Get medical advice/attention.

SAFETY DATA SHEET

In accordance with GB REACH UK SI 2020 No. 1577

Product: Jasmin Absolute

Version: 8

P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 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.