爱普香料集团股份有限公司

APPLE FLAVOR & FRAGRANCE GROUP CO., LTD.

Snow&Flower Fragrance

APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.

Part Number: **SZ-097A**
Version No: **1.1**
Safety Data Sheet (Conforms to Annex II of REACH (1907/2006) - Regulation 2020/878)

Issue Date:**23/10/2023**
Print Date: **23/10/2023**

SECTION 1 Identification of the substance / mixture and of the company / undertaking

1.1. Product Identifier

Product name: Snow&Flower Fragrance
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Other means of identification: SZ-097A | UFI:MA80-E0N0-K00H-7ET2

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

Relevant identified uses:

Prohibited to add in food

Uses advised against: No specific uses advised against are identified.

1.3. Details of the manufacturer or supplier of the safety data sheet

Registered company name	**APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.**
Address	No.33, Caoxin Road, Shanghai China
Telephone	(86)021-59940388
Fax	(86)021-59940097
Website	www.cnaff.com
Email	apple@cnaff.com

1.4. Emergency telephone number

Association / Organisation	**Shanghai Chemical Toxicology Advisory Center**
Emergency telephone numbers	+86 400-6267-911
Other emergency telephone numbers	Not Available

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments [1]	H304 - Aspiration Hazard Category 1, H315 - Skin Corrosion/Irritation Category 2, H317 - Sensitisation (Skin) Category 1B, H336 - Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, H411 - Hazardous to the Aquatic Environment Long-Term Hazard Category 2
Legend:	*1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI*

2.2. Label elements

Hazard pictogram(s)

Page 1 continued...

Signal word: Warning

Hazard statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves and protective clothing.
P261: Avoid breathing mist/vapours/spray.
P273: Avoid release to the environment.
P264: Wash all exposed external body areas thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/first aider.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of water.
P312: Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary statement(s) Storage

P405: Store locked up.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Precautionary statement(s) Disposal

P501:
Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

2.3. Other hazards

Isopar L: Listed in the Europe Regulation (EC) No 1907/2006 - Annex XVII (Restrictions may apply)

SECTION 3 Composition / information on ingredients

3.1.Substances

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

1. CAS No 2.EC No 3.Index No	%[weight]	Name	Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	SCL / M-Factor	Nanoform Particle Characteristics

Continued...

4.REACH No					
1. 106-24-1* 2.203-377-1 3.603-241-00-5 4.Not Available	0.01-0.1	Geraniol	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 1; H315, H317, H318 [1]	Not Available	Not Available
1. 5392-40-5* 2.226-394-6 3.605-019-00-3 4.Not Available	0.1-1	Citral	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A, Sensitisation (Skin) Category 1B; H315, H319, H317 [1]	Not Available	Not Available
1. 106-22-9* 2.203-375-0 3.Not Available 4.Not Available	0.1-1	Citronellol	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A, Sensitisation (Skin) Category 1B; H315, H319, H317 [1]	Not Available	Not Available
1. 68647-72-3* 2.Not Available 3.Not Available 4.Not Available	1-5	Terpenes of orange oil	Aspiration Hazard Category 1, Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Flammable Liquids Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H304, H315, H317, H226, H411 [1]	Not Available	Not Available
1. 63500-71-0* 2.405-040-6 3.603-101-00-3 4.Not Available	1-5	Florosa	Serious Eye Damage/Eye Irritation Category 2A; H319 [1]	Not Available	Not Available
1. 88-41-5* 2.201-828-7 3.Not Available 4.Not Available	1-5	o-t-Butylcyclohexyl acetate	Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H411 [1]	Not Available	Not Available
1. 56539-66-3* 2.260-252-4 3.Not Available 4.Not Available	1-5	3-Methoxy-3-Methyl-1-Butanol	Serious Eye Damage/Eye Irritation Category 2; H319 [1]	Not Available	Not Available
1. 105-95-3* 2.203-347-8 3.Not Available 4.Not Available	5-10	Musk T	Not Applicable	Not Available	Not Available
1. 54464-57-2* 2.259-174-3 3.Not Available 4.Not Available	10-15	iso E super	Skin Corrosion/Irritation Category 2, Hazardous to the Aquatic Environment Long-Term Hazard Category 1, Sensitisation (Skin) Category 1B; H315, H410, H317 [1]	Not Available	Not Available
1. 24851-98-7* 2.246-495-9 3.Not Available 4.Not Available	15-20	Hedione HC	Not Applicable	Not Available	Not Available
1. 64742-48-9* 2.265-150-3 3.649-327-00-6 4.Not Available	30-35	Isopar L	Flammable Liquids Category 3, Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 2, Skin Corrosion/Irritation Category 2, Aspiration Hazard Category 1; H226, H336, H411,	Not Available	Not Available

Continued...

			H315, H304 [1]		

Legend: *1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 2. Classification drawn from C&L; * EU IOELVs available; [e] Substance identified as having endocrine disrupting properties*

SECTION 4 First aid measures

4.1. Description of first aid measures

Eye Contact

If this product comes in contact with eyes:
– Wash out immediately with water.
– If irritation continues, seek medical attention.
– Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If skin contact occurs:
– Immediately remove all contaminated clothing, including footwear.
– Flush skin and hair with running water (and soap if available).
– Seek medical attention in event of irritation.

Inhalation

– If fumes, aerosols or combustion products are inhaled remove from contaminated area.
– Other measures are usually unnecessary.

Ingestion

– Immediately give a glass of water.
– First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

4.3. Indication of any immediate medical attention and special treatment needed

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

SECTION 5 Firefighting measures

5.1. Extinguishing media

– Foam.
– Dry chemical powder.
– BCF (where regulations permit).

5.2. Special hazards arising from the substrate or mixture

Fire Incompatibility

None known.

5.3. Advice for firefighters

Fire Fighting

Continued...

– Alert Fire Brigade and tell them location and nature of hazard.
– Wear breathing apparatus plus protective gloves in the event of a fire.
– Prevent, by any means available, spillage from entering drains or water courses.

Fire/Explosion Hazard

– Non combustible.
– Not considered a significant fire risk, however containers may burn.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8

6.2. Environmental precautions

See section 12

6.3. Methods and material for containment and cleaning up

Minor Spills

Environmental hazard - contain spillage.
– Clean up all spills immediately.
– Avoid breathing vapours and contact with skin and eyes.
– Control personal contact with the substance, by using protective equipment.

Major Spills

Environmental hazard - contain spillage.
Minor hazard.
– Clear area of personnel.
– Alert Fire Brigade and tell them location and nature of hazard.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Safe handling

– Avoid all personal contact, including inhalation.
– Wear protective clothing when risk of exposure occurs.
– Use in a well-ventilated area.
– **DO NOT** allow clothing wet with material to stay in contact with skin

Fire and explosion protection

See section 5

Other information

– Store in original containers.
– Keep containers securely sealed.
– Store in a cool, dry, well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Continued...

Suitable container

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

Storage incompatibility

None known

Hazard categories in accordance with Regulation (EC) No 1272/2008

E2: Hazardous to the Aquatic Environment in Category Chronic 2

Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of

E2 Lower- / Upper-tier requirements: 200 / 500

7.3. Specific end use(s)

See section 1.2

SECTION 8 Exposure controls / personal protection

8.1. Control parameters
Not Available

Occupational Exposure Limits (OEL)

Not Applicable

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
The basic types of engineering controls are:
Process controls which involve changing the way a job activity or process is done to reduce the risk.

8.2.2. Individual protection measures, such as personal protective equipment

Eye and face protection

- Safety glasses with side shields.
- Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent]
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

Skin protection

See Hand protection below

Hands/feet protection

- Wear chemical protective gloves, e.g. PVC.
- Wear safety footwear or safety gumboots, e.g. Rubber

NOTE:

- The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other

Continued...

protective equipment, to avoid all possible skin contact.
– Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.
The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Body protection

See Other protection below

Other protection

– Overalls.
– P.V.C apron.
– Barrier cream.

8.2.3. Environmental exposure controls

See section 12

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
:

Colorless to light yellow

Physical state	Liquid	**Relative density (25/25℃)**	0.847-0.867
Odour	Characteristic	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Available
pH (as supplied)	Not Available	**Decomposition temperature (°C)**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Available
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	Not Available	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Available	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Available	**Surface Tension (dyn/cm or mN/m)**	Not Available
Lower Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	Not Available
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water	Not Available	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Available	**VOC g/L**	Not Available
Nanoform Solubility	Not Available	**Nanoform Particle Characteristics**	Not Available
Particle Size	Not Available		

Continued...

9.2. Other information

Not Available

SECTION 10 Stability and reactivity

10.1.Reactivity:

See section 7.2

10.2. Chemical stability:

– Unstable in the presence of incompatible materials.
– Product is considered stable.
– Hazardous polymerisation will not occur.

10.3. Possibility of hazardous reactions:

See section 7.2

10.4. Conditions to avoid:

See section 7.2

10.5. Incompatible materials:

See section 7.2

10.6. Hazardous decomposition products:

See section 5.3

SECTION 11 Toxicological information

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

Inhaled

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo.

Ingestion

Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of haemorrhaging, pulmonary oedema, progressing to chemical pneumonitis; serious consequences may result.
Signs and symptoms of chemical (aspiration) pneumonitis may include coughing, gasping, choking, burning of the mouth, difficult breathing, and bluish coloured skin (cyanosis).
The material has **NOT** been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident.

Skin Contact

Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period. Skin irritation may also be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (nonallergic). The dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to blistering (vesiculation), scaling and thickening of the epidermis.
The material may accentuate any pre-existing dermatitis condition
Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.
Open cuts, abraded or irritated skin should not be exposed to this material

Continued...

Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

Eye

Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic

Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or of producing a positive response in experimental animals.
Substances that can cause occupational asthma (also known as asthmagens and respiratory sensitisers) can induce a state of specific airway hyper-responsiveness via an immunological, irritant or other mechanism. Once the airways have become hyper-responsive, further exposure to the substance, sometimes even to tiny quantities, may cause respiratory symptoms.

Snow&Flower Fragrance	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Geraniol	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Citral	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Citronellol	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Terpenes of orange oil	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Florosa	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
o-t-Butylcyclohexyl acetate	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
3-Methoxy-3-Methyl-1-Butanol	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
Musk T	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
iso E super	**TOXICITY**	**IRRITATION**
	Not Available	Not Available

Continued...

Hedione HC	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Isopar L	**TOXICITY** / **IRRITATION**: Not Available / Not Available

Legend: *1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

Acute Toxicity	✗	**Carcinogenicity**	✗
Skin Irritation/Corrosion	✓	**Reproductivity**	✗
Serious Eye Damage/Irritation	✗	**STOT - Single Exposure**	✓
Respiratory or Skin sensitisation	✓	**STOT - Repeated Exposure**	✗
Mutagenicity	✗	**Aspiration Hazard**	✓

Legend: ✗ *– Data either not available or does not fill the criteria for classification*
✓ *– Data available to make classification*

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

11.2.2. Other information

See Section 11.1

SECTION 12 Ecological information

12.1. Toxicity
Not Available

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Date available for all ingredients	No Date available for all ingredients

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
	No Date available for all ingredients

12.4. Mobility in soil

Ingredient	Mobility
	No Date available for all ingredients

12.5. Results of PBT and vPvB assessment

Continued...

	P	B	T
Relevant available data	Not Available	Not Available	Not Available
PBT	✗	✗	✗
vPvB	✗	✗	✗

PBT Criteria fulfilled?	No
vPvB	No

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

12.7. Other adverse effects

No evidence of ozone depleting properties were found in the current literature.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Product / Packaging disposal

– Containers may still present a chemical hazard/ danger when empty.
– Return to supplier for reuse/ recycling if possible.

Otherwise:

– If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

– **DO NOT** allow wash water from cleaning or process equipment to enter drains.
– It may be necessary to collect all wash water for treatment before disposal.
– In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
– Recycle wherever possible or consult manufacturer for recycling options.
– Consult State Land Waste Management Authority for disposal.
– Bury residue in an authorised landfill.

Waste treatment options

Not Available

Sewage disposal options

Not Available

SECTION 14 Transport information

Labels Required

Marine Pollutant

Continued...

HAZCHEM

•3Z

Land transport (ADR-RID)

14.1. UN number or ID number: **3082**
14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
Class: **9**
Subsidiary Hazard: **Not Applicable**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Hazard identification (Kemler): **90**
Classification code: **M6**
Hazard Label: **9**
Special provisions: **274 335 375 601**
Limited quantity: **5 L**
Tunnel Restriction Code: **Not Applicable**

Air transport (ICAO-IATA / DGR)

14.1. UN number: **3082**
14.2. UN proper shipping name: **Environmentally hazardous substance, liquid, n.o.s.**
14.3. Transport hazard class(es):
ICAO/IATA Class: **9**
ICAO / IATA Subsidiary Hazard: **Not Applicable**
ERG Code: **9L**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Special provisions: **A97 A158 A197 A215**
Cargo Only Packing Instructions: **964**
Cargo Only Maximum Qty / Pack: **450 L**
Passenger and Cargo Packing Instructions: **964**
Passenger and Cargo Maximum Qty / Pack: **450 L**
Passenger and Cargo Limited Quantity Packing Instructions: **Y964**
Passenger and Cargo Limited Maximum Qty / Pack: **30 kg G**

Sea transport (IMDG-Code / GGVSee)

14.1. UN number: **3082**
14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
IMDG Class: **9**
IMDG Subsidiary Hazard: **Not Applicable**
14.4. Packing group: **III**
14.5 Environmental hazard: **Marine Pollutant**
14.6. Special precautions for user:
EMS Number: **F-A, S-F**
Special provisions: **274 335 969**
Limited Quantities: **5 L**

Inland waterways transport (ADN)

14.1. UN number: **3082**

Continued...

14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
9: **Not Applicable**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Classification code: **M6**
Special provisions: **274; 335; 375; 601**
Limited quantity: **5 L**
Equipment required: **PP**
Fire cones number: **0**

14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 Regulatory information

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

Geraniol is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
– European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Citral is found on the following regulatory lists

– EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
– European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Citronellol is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Terpenes of orange oil is found on the following regulatory lists

– Not Applicable

Florosa is found on the following regulatory lists

– EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
– Europe EC Inventory
– European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

o-t-Butylcyclohexyl acetate is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

3-Methoxy-3-Methyl-1-Butanol is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Musk T is found on the following regulatory lists

Continued...

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

iso E super is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Hedione HC is found on the following regulatory lists

– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Isopar L is found on the following regulatory lists

– Chemical Footprint Project - Chemicals of High Concern List
– EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
– EU REACH Regulation (EC) No 1907/2006 - Annex XVII (Appendix 2) Carcinogens: Category 1 B
– EU REACH Regulation (EC) No 1907/2006 - Annex XVII (Appendix 4) Germ cell mutagens: Category 1 B
– Europe EC Inventory
– European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
– European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI
– International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
– International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans
– International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, - 2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 as updated through ATPs.

Information according to 2012/18/EU (Seveso III):

Seveso Category: E2

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (Geraniol; Citral; Citronellol; Terpenes of orange oil; Florosa; o-t-Butylcyclohexyl acetate; 3-Methoxy-3-Methyl-1-Butanol; Musk T; iso E super; Hedione HC; Isopar L)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (Terpenes of orange oil; Florosa)
Japan - ENCS	No (Terpenes of orange oil)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (Terpenes of orange oil)

Continued...

National Inventory	Status
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	*Yes = All CAS declared ingredients are on the inventory* *No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.*

SECTION 16 Other information

Full text Risk and Hazard codes

H224: Extremely flammable liquid and vapour.
H226: Flammable liquid and vapour.
H227: Combustible liquid.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.
H340: May cause genetic defects.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child.
H372: Causes damage to organs through prolonged or repeated exposure.
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.

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
The information in this SDS is to best of our knowledge true and accurate but all data, instruction, recommendations and suggestions are made without guarantee.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	Classification Procedure
Aspiration Hazard Category 1, H304	Calculation method
Skin Corrosion/Irritation Category 2, H315	Calculation method
Sensitisation (Skin) Category 1B, H317	Calculation method
Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, H336	Calculation method
Hazardous to the Aquatic Environment Long-Term Hazard Category 2, H411	Calculation method

end of SDS