



珠海凤皇香料有限公司

Zhuhai Phoenix Flavours & Fragrances Ltd.

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: White Grapefruit Oil

CAS: 8016-20-4

Supplier: Zhuhai Phoenix Flavours & Fragrances Ltd.

Address: Room 2811, NO.93, Zijing Road, Xiangzhou, Zhuhai, China

Telephone: 86-756-2284199

2– HAZARDS IDENTIFICATION

2.1 GHS Classification

Flammable liquids (Category 3), H226

Aspiration hazard (Category 1), H304

Skin corrosion/irritation (Category 2), H315

Sensitization, Skin (Category 1A), H317

Hazardous to the aquatic environment, acute hazard (Category 1), H400

Hazardous to the aquatic environment, long-term hazard (Category 1), H410

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Danger
Hazard statement	H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 void breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands [and ...] thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment.



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	P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Response Precautionary Statements	P301+P316 IF SWALLOWED: Get emergency medical help immediately. P302+P352 IF ON SKIN: wash with plenty of water/... P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower]. P321 Specific treatment (see ... on this label). P331 Do NOT induce vomiting. P332+P317 If skin irritation occurs: Get medical help. P337+P317 If eye irritation persists: Get medical help. P362+P364 Take off contaminated clothing and wash it before reuse. P305+P351+P338 IF IN EYES: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P370+P378 In case of fire: Use ... to extinguish. P391 Collect spillage.
Storage	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified(HNOC) or not covered by GHS

No data available

3 – COMPOSITION

Component	CAS	Content(%)
White Grapefruit Oil	8016-20-4	100%

4– FIRST AID MEASURES

General notes: If health disorder happens, call for medical help immediately. Immediately remove any clothing soiled by the product.

In case of inhalation: Remove to fresh air immediately. If breathing is difficult, seek medical advice.

In case of skin contact: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

In case of eyes contact: Flush with plenty of water for at least 15 minutes.

In case of ingestion: Rinse mouth with water and obtain medical advice. Seek medical advice.

Most important symptoms and effects, both acute and delayed: No data available. Please note the risk and safety phrases

Indication of any immediate medical attention and special treatment needed: No data available. Please note the risk and safety phrases

5– FIREFIGHTING MEASURES



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Suitable extinguishing media: Depending on the type of product: CO₂, dry powder or foam extinguishers; Water spray or fog to cool the package (if necessary).

Unsuitable extinguishing media : Water with full jet.

Special hazards arising from the substance or mixture: Carbon monoxide (CO); Carbon dioxide (CO₂); Smoke and soot. Do not use water with full jet to prevent fire spreading.

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Wear gloves (if possible made of natural rubber) when handling leaks to avoid contact with the skin, body cleansing should be observed in case of contact.
- Avoid breathing vapours.
- Follow normal hygiene rules in case of accidental spillage.
- Ensure adequate ventilation of the workplace after spillage.

Refer to protective measures listed under headings 7 and 8.

6.2 Environmental precautions: Do not allow to penetrate the ground/soil.

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

- Large spills should be contained with sand or diatomaceous earth, pumped and rinsed with water after recovery of the waste in specific labelled plastic drums to be handed over to an approved recovery company.
- Clean the area carefully to eliminate any residual pollution
- Any sorbent used to mop up leaks must be destroyed quickly, according to local regulations, preferably by incineration; cases of spontaneous combustion of cloths soaked in perfumes or aromas are well known. Spills must be contained by appropriate means and the associated waste treated in accordance with the regulations in force.

7 – HANDLING AND STORAGE

Avoid naked flames, sparking and sources of ignition.

Ensure that workrooms are adequately ventilated.

Hygiene measures:

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

Do not eat, drink or smoke while working.

Conditions for safe storage, including any incompatibilities

Store only in the original container. Temperatures between + 10 °C and + 40 °C Keep container tightly sealed.

Keep container in a well ventilated place.



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8 - PERSONAL PROTECTION

Control parameters: Occupational exposure limits: Not available.

Personal protective equipment: General protective and hygienic measures:

Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Avoid contact with the skin. Avoid contact with the eyes and skin.

Respiratory protection:

Suitable respiratory protection: filter class A2 (brown colour).

Use the rules for application of respiratory protection systems.

Protection of hands: Preventive skin protection by use of skin-protecting agents is recommended.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to yellow-green clear liquid.

Odour: Aromatic characteristic odour.

Specific gravity: 0.8520~0.8600 (20 °C).

Refractive index: 1.4740~1.4790 (20 °C).

10 - STABILITY AND REACTIVITY

Reactivity: The substance is stable under normal storage and handling conditions.

Chemical stability: Stable under normal temperature conditions.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Incompatible materials.

Incompatible materials: Strong oxidizing substances. Strong acids. Strong Alkalis.

Hazardous decomposition products: Emits fumes under fire conditions. CO, CO₂.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀: No data available

LC₅₀: No data available

Ecotoxicity: Not available.

BOD₅ and COD: Not available.

12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Product / Packaging disposal: If empty container retains product residues, all label precautions must be observed.

Return for reuse or dispose according to national or local regulations.



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14 – TRANSPORTATION INFORMATION

UN-No: 1197

Proper Shipping Name: EXTRACTS, LIQUID.

Hazard Class: 3

Packing group: III

Environmental Hazards: Non-Hazards

15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2015 Edition): Not included

16 - OTHER INFORMATION

Updated date: 2025-12-31

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