

MATERIAL SAFETY DATA SHEET

APPLE FLAVOUR 265421

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Date: 1 October 2009

MSDS Revision: 06

Date created: 02/12/08

1. Identification of the substance/preparation and company

Product name : APPLE FLAVOUR 265421

Company name : GRACEFRUIT.COM

Company address : 146 GLASGOW ROAD

LONGCROFT

STIRLINGSHIRE

FK4 1QL

Emergency phone : 01324 411 587

2. Hazards identification

General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon excessive inhalation.

Combustible material that can sustain fire.

Risk phrases : R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Environment : When spilled, can contaminate soil, ground and surface water.

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3.Composition/information on ingredients

Chemical identification : Composition: multicomponent mixture of natural and/or synthetic raw materials.
 CAS number : Not applicable, product is a mixture.
 EINECS number : Not applicable, product is a mixture.

Contains	CAS/EINECS	Hazard Symbols	Conc%
ALLYL 3-CYCLOHEXYLPROPIONATE	2705-87-5 /220-292-5	Xn; R 21/22	2.3
ALLYL HEPTANOATE	142-19-8 /205-527-1	Xn-N; R 21/22-38-50/53	1.7
CITRONELLYL ACETATE	150-84-5 /205-775-0	Xi-N; R 38-51/53	2.9
GAMMA-UNDECALACTONE	104-67-6 /203-225-4	N; R 51/53	2.9
LINALOOL	78-70-6 /201-134-4	Xi; R 38	5.7

Total allergen content:

LINALOOL (5.7000%)

(L) Ingredient must be disclosed on a label (normal disclosure)

(S) Ingredient must be disclosed on a label as a sensitiser

("Contains_ . May cause an allergic reaction.")

Ingredients with prefix L or S are for label disclosure in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations NOT for the ingredient list applicable to Cosmetic & Detergent legislation

4.First-aid measures

Inhalation : Upon excessive inhalation, remove from exposure site to fresh air, keep at rest, and obtain medical attention.
 Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
 Skin exposure : Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
 Ingestion : Rinse mouth with water and obtain medical attention.
 Others : Take Risk and Safety phrases (section 15) into consideration.

5.Fire-fighting measures

Extinguishing media : Carbon dioxide, dry chemical, foam.
 Do not use a direct water-jet on burning material.

6.Accidental release measures

- Personal precautions : Avoid excessive inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
- Spillage : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.
- Environmental precautions : Keep away from drains, surface and ground water, and soil.

7.Handling and storage

- Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Storage : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid uncoated metal containers. Keep air contact to a minimum.
- Fire protection : Keep away from ignition sources and naked flame.

8.Exposure controls/personal protection

- Respiratory protection : Avoid excessive inhalation of concentrated vapours.
- Eye protection : Wear safety glasses.
- Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

9.Physical and chemical properties

- Appearance : Not determined.
- Flash point : 68 degC (CC)

10.Stability and reactivity

- Reactivity : Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
- Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11.Toxicological information

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 88/379/EEC classified as:
Safe when used as directed.

12.Ecological information

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13.Disposal considerations

Dispose of according to local regulations.
Avoid disposing into drainage systems and into the environment.

14.Transport information

	Class	Pack Group	Sub risk	UN no	IMDG page
Road (ADR/CDGRR)	: not restricted.				
Air (IATA)	: not restricted.				
Sea (IMDG)	: not restricted.				
Proper Shipping Name	:				

15.Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)
Risk phrases : R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases : S61, Avoid release to the environment. Refer to special instructions/safety data sheet.

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16. Other information

Conc % Limits (*) : R52/53=10.96% IFRACLS01=20.000% IFRACLS02=20.000%
IFRACLS03.A=40.000% IFRACLS03.B=40.000%
IFRACLS03.C=40.000% IFRACLS03.D=40.000%
IFRACLS04.A=40.000% IFRACLS04.B=40.000%
IFRACLS04.C=40.000% IFRACLS04.D=40.000% IFRACLS05=40.000%
IFRACLS06=100.000% IFRACLS07.A=40.000% IFRACLS07.B=40.000%
IFRACLS08.A=40.000% IFRACLS08.B=40.000%
IFRACLS09.A=40.000% IFRACLS09.B=40.000%
IFRACLS09.C=40.000% IFRACLS10.A=40.000%
IFRACLS10.B=40.000% IFRACLS11.A=100.000%
IFRACLS11.B=100.000%

(*) These are the maximum percent concentrations that this material can be used in a non-hazardous product without the indicated risk being applicable to that product.

The information in this leaflet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

In addition to the concentration limits applicable to the Dangerous Substance and Dangerous Preparations Directives any IFRA limits provided are general skin and non skin product concentrations. For limits against specific product categories please contact gracefruit.com.