

In accordance with UN GHS latest edition

Product: Lychee Guava Sorbet

Version: 3

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

- **1.1 Product Identifier**
- Product identifier:
 Lychee Guava Sorbet (Contains:Linalool, Tetrahydrolinalool, alpha-Hexylcinnamaldehyde, d-Limonene)
- Other identifiers: None

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

- Product uses: Fragrances
- 1.3 Details of the supplier of the safety data sheet
- Company name: Zen Aroma 22c Portside Drive Mt Maunganui New Zealand

Contact:	support@zenaroma.co.nz
E-Mail address:	
Company phone:	07 578 4755
1.4 Emergency telepho	one number
Emergency phone:	+0800 764 766 NZ Poisons Centre

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 Aspiration Hazard Category 1 Hazardous to the Aquatic Environment - Acute Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazardous to the Aquatic Environment - Long-term Hazardous to the Aquatic Environment - Long-term Hazardous to the Aquatic Environment - Long-term Hazardou	
	H411, Toxic to aquatic life with long lasting effects.	
2.2 Label elements		
Signal word:	Danger	
Hazard statements:	H227, Combustible liquid.	

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SAFETY DATA SHEET

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Product: Lychee Guava Sorbet Version: 3 H304, May be fatal if swallowed and enters airways. H315, Causes skin irritation. H317, Causes serious eye irritation. H319, Causes serious eye irritation. H319, Causes serious eye irritation. H311, Toxic to aquatic life with long lasting effects. Precautionary P210, Keep away from heat, sparks, open flames and hot surfaces No smoking. P244, Wash hands and other contacted skin thoroughly after handling. P224, Wash hands and other contacted skin thoroughly after handling. P220, Veer protective gloves/eye protection/face protection. P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302/352, IF ON SKIN: Wash with plenty of soap and water. P303/313, IF NEYES: Ruse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P33/313, If skin irritation or rash occurs: Get medical advice/attention. P33/313, If skin irritation persists: Get medical advice/attention. P33/233, JB or ki flucture vorniting. P33/313, If skin irritation persists: Get medical advice/attention. P33/233, JB or ki flucture vorniting. P33/313, If skin irritation persists: Get medical advice/attention. P33/235, Store in a well-ventilated place. Keep cool. P30/235, Store in a well-ventilated place. Keep cool. P403/235, Store ina well-ventilated place. Keep cool.		In accordance with UN GHS latest edition				
H304, May be fatal if swallowed and enters airways. H315, Causes skin irritation. H317, May causes an allergic skin reaction. H319, Causes serious eye irritation. H311, Toxic to aquatic life with long lating effects. Proceautionary Statements: 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. 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. P302/352, IF ON SKIN: Wash with plenty of soap and water. P305/351/338, IF NE YESS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P311, Do not induce vomiting. P333/313, If skin irritation presists: Get medical advice/attention. P362, Take off contaminated cichting and wash before reuse. P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction. P361, 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 regulatons. P101, Dispose of concentration fract protections site, in accordance with local regulatons. P102, D31, D32, D32, D32, D32, D33, D33, D33, D33	Product:	Lychee Guava Sorbet				
H315, Causes skin irritation. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H411, Toxic to aquatic life with long lasting effects. Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces No smoking. P211, Avoid breathing vapour or dust. P224, Avoid breathing vapour or dust. P225, Containniated 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. P302/352, IF ON SKIN: Wash with plenty of soap and water. P305/351/338, IF NI FYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331, Do not induce vomiting. P331, Do not induce vomiting. P337/313, If eye irritation persists: Get medical advice/attention. P397/313, If eye irritation persists: Get medical advice/attention. P3910, Collect spillage. P403/235, Store in a well-ventilated place. Keep cool. P405, Store in a well-ventilated place. Keep cool. P405, 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: Pictograms: Pictograms: J 2 Mixtures Contains: D D D D D D D D D D D D D D D D D D D	Version:					
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	3.2 Mixtures					
	Contains:					
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d-Limonene	5989-27-5	10-<20%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1- Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315- H317-H410	
2-tert-Butylcyclohexyl acetate	88-41-5	5-<10%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 3-Aquatic Acute Aquatic Chronic 2;H227-H303-H316-H411	
Linalool	78-70-6	5-<10%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317- H319-H402	
alpha-Hexylcinnamaldehyde	101-86-0	5-<10%	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H303-H316-H317-H400-H411	
Tetrahydrolinalool	78-69-3	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B- Aquatic Acute 2;H227-H315-H317-H319-H401	
gamma-Undecalactone	104-67-6	1-<5%	Skin Irrit. 3-Aquatic Acute 3-Aquatic Chronic 3;H316- H412	
Hexyl butyrate	2639-63-6	1-<5%	Flam. Liq. 4-Skin Irrit. 3;H227-H316	
gamma-Decalactone	706-14-9	1-<5%	Skin Irrit. 3;H316	
Linalyl acetate	115-95-7	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B- Aquatic Acute 3;H227-H315-H317-H320-H402	
Ethyl maltol	4940-11-8	1-<5%	Acute Tox. 4-Aquatic Acute 2;H302-H401	
Butyl butyrate	109-21-7	1-<5%	Flam. Liq. 3-Aquatic Acute 2-Aquatic Chronic 2;H226- H411	
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	1-<5%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B- Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315- H317-H401-H412	
gamma-Nonalactone	104-61-0	1-<5%	Skin Irrit. 3;H316	
Ethyl methylphenylglycidate	77-83-8	1-<5%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411	
Tricyclodecenyl propionate	17511-60-3	1-<5%	Aquatic Acute 2-Aquatic Chronic 2;H411	
beta-Pinene	127-91-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1- Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H31 H317-H410	
Ethyl butyrate	105-54-4	1-<5%	Flam. Liq. 3-Eye Irrit. 2A;H226-H319	
alpha-Methylbenzyl acetate	93-92-5	1-<5%	Flam. Liq. 4-Aquatic Acute 3;H227-H402	
Allyl heptanoate	142-19-8	1-<5%	Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311-H400-H412	
Geraniol	106-24-1	1-<5%	Acute Tox. 5-Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1B- Aquatic Acute 3;H303-H315-H317-H318-H402	
p-Mentha-1,4-diene	99-85-4	1-<5%	Flam. Liq. 3-Acute Tox. 5-Skin Irrit. 3-Repr. 2-Asp. Tox 1;H226-H303-H304-H316-H361	
Vanillin	121-33-5	1-<5%	Acute Tox. 5-Eye Irrit. 2A-Aquatic Acute 3;H303-H319- H402	
Isoamyl acetate	123-92-2	1-<5%	Flam. Liq. 3-Aquatic Acute 3;H226-H402	
Nerol	106-25-2	1-<5%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B- Aquatic Acute 2;H303-H315-H317-H319-H401	
Allyl hexanoate	123-68-2	0.1-<1%	Flam. Liq. 4-Acute Tox. 3-Acute Tox. 3-Acute Tox. 3- Aquatic Acute 1-Aquatic Chronic 3;H227-H301-H311 H331-H400-H412	
2,6-Dimethyl-5-heptenal	106-72-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Aquatic Acute 2;H227- H317-H401	
Diphenyl ether	101-84-8	0.1-<1%	Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A-Aquatic Acute 1- Aquatic Chronic 3;H303-H316-H319-H400-H412	
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H315-H317-H401-H412	
alpha-Terpineol	98-55-5	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A- Aquatic Acute 2;H227-H303-H315-H319-H401	
Citral	5392-40-5	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1- Aquatic Acute 2;H313-H315-H317-H319-H401	

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alpha-Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B- Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226- H302-H304-H315-H317-H410
Myrcene	123-35-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2;H226-H304-H315-H319- H400-H411
Allyl (3-methylbutoxy)acetate	67634-00-8	0.1-<1%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Aquatic Acute 2; H227-H302-H315-H401
Geranial	141-27-5	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B- Aquatic Acute 2;H313-H315-H317-H319-H401
Hexen-2-al	6728-26-3	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Acute Tox. 3-Skin Irrit. 3-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2;H226-H302-H311-H316-H317-H319-H411
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304- H317-H413
Neral	106-26-3	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B- Aquatic Acute 2;H313-H315-H317-H319-H401
Allyl alpha-ionone	79-78-7	0.1-<1%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
Isocyclocitral	1335-66-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227- H303-H315-H317-H319-H401-H412
Butylated hydroxytoluene	128-37-0	0.1-<1%	Aquatic Acute 1-Aquatic Chronic 1;H410

Substances with workplace exposure limits, not listed above:

Not Applicable

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: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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.

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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.

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):

Fragrances: 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

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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:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 60 °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:	Not determined
Solubility(ies):	Not determined
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.

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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

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.

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
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 2
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:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-Methyl-3-(p- isopropylphenyl) propionaldehyde	103-95-7	3810	Not available	Not available	Not available
2-tert-Butylcyclohexyl acetate	88-41-5	4600	Not available	Not available	Not available
Allyl heptanoate	142-19-8	218	810	Not available	Vapour
Allyl hexanoate	123-68-2	300	300	3	Vapour
Ethyl maltol	4940-11-8	1200	Not available	Not available	Not available
Geraniol	106-24-1	3600	Not available	Not available	Not available
Hexen-2-al	6728-26-3	900	600	Not available	Not available
Linalool	78-70-6	2790	Not available	Not available	Not available

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Nerol	106-25-2	4500	Not available	Not available	Not available
Vanillin	121-33-5	3500	Not available	Not available	Not available
alpha- Hexylcinnamaldehyde	101-86-0	3100	Not available	Not available	Not available
p-Mentha-1,4-diene	99-85-4	3850	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

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 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.

Section 14. Transport information

	14.1 UN number or ID 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. (d- Limonene, beta-Pinene)	9	-	
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d- Limonene, beta-Pinene) MARINE POLLUTANT	9	-	111
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d- Limonene, beta-Pinene)	9	-	
ΙCAO ΤΙ	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d- Limonene, beta-Pinene)	9	-	

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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 Maritime transport in bulk according to IMO instruments: Not applicable

Section 15. Regulatory information

None additional

Section 16. Other information

Concentration % Limits:	SCI 2=32.72% SCI 3=2.75% EDI 2A=32.48% SS 1=9.35% AH 1=72.32% EH A2=10.43% EH A3=1.04% EH C2=16.89% EH C3=1.68% EH C4=63. 42%
Total Fractional Values:	SCI 2=3.06 SCI 3=36.40 EDI 2A=3.08 SS 1=10.70 AH 1=1.38 EH A2=9.58 EH A3=96.56 EH C2=5.92 EH C3=59.49 EH C4=1.58

Key to revisions:

2.1 Classification of the substance or mixtureConcentration % LimitsSECTION 3: Composition/information on ingredientsTotal Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 3	Acute Toxicity - Oral Category 3
Acute Tox. 3	Acute Toxicity - Dermal Category 3
Acute Tox. 3	Acute Toxicity - Inhalation Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 5	Acute Toxicity - Oral Category 5
Acute Tox. 5	Acute Toxicity - Dermal Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
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
Aquatic Chronic 4	Hazardous to the Aquatic Environment - Long-term Hazard Category 4
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B

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Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child (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.
H413	May cause long lasting harmful effects to aquatic life.
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.
P271	Use only outdoors or in a well-ventilated area.
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.
P302/352	IF ON SKIN: Wash with plenty of soap and water.

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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.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P311	Call a POISON CENTRE or doctor/physician.
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.
P361	Remove/Take off immediately all contaminated clothing.
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.
Repr. 2	Toxic to Reproduction Category 2
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
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.