

SAFETY DATA SHEET
APPLE BERRY TYPE ELIQUID
SHORTFILL 0mg/mL 70/30 VG/PG 90009n00

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name **APPLE BERRY ELIQUID**
 SHORTFILL 0mg/mL 70/30 VG/PG 90009n00
 (Glycerin, Flavouring, Propylene Glycol, Sweetener)

CAS No. Not applicable.

EC No. Not applicable.

REACH Registration No. Not known.

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

Identified Use(s) Electronic cigarette

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification FRUMIST LTD
Address of Manufacturer Unit 11
 BRUCE STREET BUSINESS CENTRE
 BLACKBURN
Postal code BB1 3EE
Telephone: 044 (0)844 870 6832
Fax Not known.
E-mail info@frumist.com

Office hours

Supplier

Company Identification FRUMIST LTD
Address of Supplier Unit 11
 BRUCE STREET BUSINESS CENTRE
 BLACKBURN
Postal code BB1 3EE
Telephone: 044 (0)844 870 6832
Fax Not known.
E-mail info@frumist.com

Office hours

1.4 Emergency telephone number

Emergency Phone No. Not known.

Contact No information available.

National response center

Address Not known.

Emergency Phone No. No Information available.

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No.

1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

 According to Regulation (EC) No. 1272/2008 (CLP)
Product Name **APPLE BERRY TYPE ELIQUID**
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 (Glycerin, Flavouring, Propylene Glycol, Sweetener)

Signal Word(s) None

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Hazard Statement(s) None.
 EUH208: Contains: (4-hydroxy-2,5-dimethylfuran-2(3H)-one) May produce an allergic reaction.

Precautionary Statement(s) None.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
4-hydroxy-2,5-dimethylfuran-2(3H)-one	3658-77-3	222-908-8	<0.1	Acute Tox. 4 H302 Skin Sens. 1A H317 Eye Irrit. 2 H319	GHS07

Ingredients having an occupational exposure limit value: See section 8.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing difficulty: Remove person to fresh air and keep comfortable for breathing.
 Skin Contact Wash skin with water.
 Eye Contact Flush eyes for at least 15 minutes.
 Ingestion Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
 Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective equipment.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

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See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Not known.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
 Storage life Stable under normal conditions.
 Incompatible materials None known.

7.3 Specific end use(s)

No specific precautions. The intended uses of this product are described in Section 1.2.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits (OEL/BEIs : EU)

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Ethyl acetate	141-78-6	200	734	400	1468	IOELV
Ethyl acetate	141-78-6	200	734	400	1468	IOELV
Isopentylacetate	123-92-2	50	270	100	540	IOELV
Isopentylacetate	123-92-2	50	270	100	540	IOELV
Acetic acid	64-19-7	10	25	20	50	IOELV
Acetic acid	64-19-7	10	25	20	50	IOELV

Region Source
 EU EU Occupational Exposure Limits

Remark Notes
 IOEVL Indicative Occupational Exposure Limit Values.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Not known
Odour	Not known.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml) 20/25 (°C)	1.15-1.25
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.

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STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	Not known.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2. Persistence and Degradation Not known.

12.3. Bioaccumulative potential Not known.

12.4. Mobility in soil Not known.

12.5. Results of PBT and vPvB Not known.

assessment

12.6 Other adverse effects

Not known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

No special disposal considered for this product.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to

Annex II of Marpol and the IBC Not known

Code

15. SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on

the manufacture, placing on the Not displayed

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market and use of certain
dangerous substances, mixtures and
articles

Community Rolling Action Plan Not listed
(CoRAP)

Regulation (EC) N° 850/2004 of the Not listed
European Parliament and of the
Council on persistent organic
pollutants

Regulation (EC) N° 2037/2000 on Not listed
substances that deplete the ozone
layer

Regulation (EU) N° 649/2012 of the Not listed
European Parliament and of the
Council concerning the export and
import of hazardous chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

**The following sections contain
revisions or new statements:**

LEGEND

Hazard Pictogram(s)	None. GHS02: GHS: Flame GHS05: GHS: Corrosion GHS06: GHS: Skull and crossbones GHS07: GHS: Exclamation mark GHS09: GHS: Environment
Hazard Classification	Flam. Liq. 2 : Flammable liquid, Category 2 Flam. Liq. 3 : Flammable liquid, Category 3 Acute Tox. 3 : Acute toxicity, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Acute Tox. 3 : Acute toxicity, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Skin Corr. 1A : Skin corrosion/irritation, Category 1A Skin Corr. 1B : Skin corrosion/irritation, Category 1B Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Skin Sens. 1 : Skin sensitization, Category 1 Skin Sens. 1A : Skin sensitization, Category 1A Skin Sens. 1B : Skin sensitization, Category 1B Eye Dam. 1 : Serious eye damage/irritation, Category 1 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Acute Tox. 3 : Acute toxicity, Category 3 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2
Hazard Statement	H225: Highly flammable liquid and vapour H226: Flammable liquid and vapour. H301: Toxic if swallowed. H302: Harmful if swallowed.

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H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage
H315: Causes skin irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H411: Toxic to aquatic life with long-lasting effects

Precautionary Statement(s)
Acronyms

None.
ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS : Chemical Abstracts Service
CLP : Classification, Labelling and Packaging of Chemicals
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bio-accumulative and Toxic
PNEC : Predicted no-effect concentration
REACH : Registration, Evaluation, Authorisation and restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
vPvB : very persistent and very bioaccumulative

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