



## 88 MOD Fusion SF

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

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

#### 1.1 Product identifier

Product Name	88 MOD Fusion SF
Trade Name	N/A
Synonyms	N/A
Chemical Name	N/A
Chemical Formula	N/A
Product code	N/A
CAS No.	N/A
EC No.	N/A
REACH Registration No.	N/A

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

Identified Use(s)	This product is "E-liquid" the liquid that is used in an e-cigarette or similar device
Uses Advised Against	This product must not be used for any other purpose other than that of E-liquid. It must not be used by people under 18 years of age.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	VN LABS LTD
Address of Manufacturer	4 Beacon road Trafford Park Manchester
Postal code	M17 1AF
Telephone:	01617868326
Fax	Not known.
E-mail	Nardine.abd@supreme.co.uk
Office hours	09:00 - 17:00
Supplier	
Company Identification	VN LABS LTD
Address of Supplier	4 Beacon road Trafford Park Manchester
Postal code	M17 1AF
Telephone:	01617868326
Fax	Not known.
E-mail	Nardine.abd@supreme.co.uk
Office hours	09:00 - 17:00

#### 1.4 Emergency telephone number

Emergency Phone No.	01617868326
Contact	Nardine A Abd
National response center	
Address	NHS Direct
Emergency Phone No.	+44 111

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Skin Irrit. 2 :Causes skin irritation. Skin Sens. 1 :May cause an allergic skin reaction. Eye Irrit. 2 :Causes serious eye irritation.
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#### 2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) 88 MOD Fusion SF
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Hazard Pictogram(s)



GHS07



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Signal Word(s)	Warning
Hazard Statement(s)	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.
Precautionary Statement(s)	P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see Medical Advice on this label). P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P501: Dispose of contents in accordance with local, state or national legislation.
Unique Formula Identifier (UFI)	J1D8-U8EY-XM27-5A4H
<b>2.3 Other hazards</b>	None known.
<b>2.4 Additional Information</b>	For full text of H/P Statements see section 16.

### 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)
glycerol	56-81-5	200-289-5	75	Not classified	None
propane-1,2-diol	57-55-6	200-338-0	<25	Not classified	None
L-menthol	2216-51-5	218-690-9	<5	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
(E)-anethole	4180-23-8	224-052-0	<5	Skin Sens. 1 H317	GHS07
acetic acid ... %	64-19-7	200-580-7	<5	Flam. Liq. 3 H226 Skin Corr. 1A H314	GHS02 GHS05
cineole	470-82-6	207-431-5	<1	Flam. Liq. 3 H226 Skin Sens. 1B H317	GHS02 GHS07
butyric acid	107-92-6	203-532-3	<1	Skin Corr. 1B H314	GHS05
piperonal	120-57-0	204-409-7	<1	Skin Sens. 1B H317	GHS07
4-allylanisole	140-67-0	205-427-8	<1	Acute Tox. 4 H302 Skin Sens. 1 H317 Muta. 2 H341 Carc. 2 H351	GHS08 GHS07
ethyl acetate	141-78-6	205-500-4	<1	Eye Irrit. 2 H319 STOT SE 3 H336	GHS07



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4-hydroxy-2,5-dimethylfuran-2(3H)-one	3658-77-3	222-908-8	<1	Acute Tox. 4 H302 Skin Corr. 1B H314 Skin Sens. 1A H317 Eye Dam. 1 H318	GHS05 GHS07
(S)-p-mentha-1,8-diene l-limonene	5989-54-8	227-815-6	<1	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Sens. 1B H317 Aquatic Acute 1 H400 Aquatic Chronic 3 H412	GHS02 GHS08 GHS07 GHS09
7-methyl-3-methyleneocta-1,6-diene	123-35-3	204-622-5	<1	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319	GHS02 GHS08 GHS07

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

#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures

Inhalation	Treat symptomatically.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Treat symptomatically.

##### 4.2 Most important symptoms and effects, both acute and delayed

May cause irritation. Allergic contact dermatitis.

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

Specific treatment (see Medical Advice on this label). Treat symptomatically.

#### 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

May decompose in a fire, giving off toxic and irritant vapours.

##### 5.3 Advice for firefighters

As appropriate for surrounding fire.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

##### 6.2 Environmental precautions

This material and its container must be disposed of in a safe way.

##### 6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

##### 6.4 Reference to other sections

See Also Section 8, 13.

#### SECTION 7: HANDLING AND STORAGE



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### 7.1 Precautions for safe handling

Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray.

### 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)

This product is "E-liquid" the liquid that is used in an e-cigarette or similar device

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTTEL (8 hr TWA ppm)	LTTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Propane-1,2-diol total vapour and particulates	57-55-6	150	474			
Propane-1,2-diol particulates	57-55-6		10			
Glycerol, mist	56-81-5		10			
Acetic acid	64-19-7	10	25	20	50	
Acetic acid	64-19-7	10	25	20	50	IOELV
Ethyl acetate	141-78-6	200	734	400	1468	
Ethyl acetate	141-78-6	200	734	400	1468	IOELV

Region: EU, United Kingdom  
 Source: EU Occupational Exposure Limits, UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark: IOELV  
 Notes: Indicative Occupational Exposure Limit Values.

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls: Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

#### 8.2.2. Personal protection equipment



Eye Protection: Wear eye protection with side protection (EN166).



Skin protection: Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection: Normally no personal respiratory protection is necessary.



Thermal hazards: None known.

8.2.3. Environmental Exposure Controls: Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



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### 9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colour : Clear Straw to Brown coloured liquid
Odour	Typically minty aniseed in character
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	> 63 °C
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)	Not known.
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.

## 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.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 227272.73000
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
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.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

### 11.2 Other information

Not known.



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### 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 degradability

Not known.

#### 12.3 Bioaccumulative potential

Not known.

#### 12.4 Mobility in soil

Not known.

#### 12.5 Results of PBT and vPvB assessment

Not known.

#### 12.6 Other adverse effects

Not known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

#### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

### 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 Code

Not known

### 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 High Concern for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Community Rolling Action Plan (CoRAP)

L-menthol (2216-51-5), (E)-anethole (4180-23-8), acetic acid ... % (64-19-7), cineole (470-82-6), butyric acid (107-92-6), piperonal (120-57-0), 4-allylanisole (140-67-0), 4-hydroxy-2,5-dimethylfuran-2(3H)-one (3658-77-3), (S)-p-mentha-1,8-diene l-limonene (5989-54-8), 7-methyl-3-methyleneocta-1,6-diene (123-35-3), ethyl acetate (141-78-6)



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Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
<b>National regulations</b>	
Other	Not known.
<b>15.2 Chemical Safety Assessment</b>	A REACH chemical safety assessment has not been carried out.

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

#### LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame  
 GHS05: GHS: Corrosion  
 GHS08: GHS: Health hazard  
 GHS09: GHS: Environment

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3  
 Acute Tox. 4 : Acute toxicity, Category 4  
 Asp. Tox. 1 : Aspiration hazard, Category 1  
 Skin Corr. 1A : Skin corrosion/irritation, Category 1A  
 Skin Corr. 1B : Skin corrosion/irritation, Category 1B  
 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  
 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3  
 Muta. 2 : Germ cell mutagenicity, Category 2  
 Carc. 2 : Carcinogenicity, Category 2  
 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1  
 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H226: Flammable liquid and vapour.  
 H302: Harmful if swallowed.  
 H304: May be fatal if swallowed and enters airways.  
 H314: Causes severe skin burns and eye damage.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.



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H341: Suspected of causing genetic defects.  
 H351: Suspected of causing cancer.  
 H412: Harmful to aquatic life with long lasting effects.

### Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash hands and exposed skin thoroughly after handling.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321: Specific treatment (see Medical Advice on this label).  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 P501: Dispose of contents in accordance with local, state or national legislation.

### Acronyms

ATE : Acute Toxicity Estimate  
 CAS : Chemical Abstracts Service  
 CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
 DNEL : Derived No Effect Level  
 EC : European Community  
 EINECS : European Inventory of Existing Commercial Chemical Substances  
 LTEL : Long term exposure limit  
 PBT : Persistent, Bioaccumulative and Toxic  
 PNEC : Predicted No Effect Concentration  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 STEL : Short term exposure limit  
 STOT : Specific Target Organ Toxicity  
 vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS

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