SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: PIXL Double Apple 20mg

Version: 1

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

1.1 Product Identifier

Product identifier: PIXL Double Apple 20mg (Contains:2-isopropyl-N,2,3-trimethylbutyramide, Furaneol, nicotine benzoate)

Other identifiers: None

Unique Formula Identifier (UFI): Y810-X01F-G000-YEV2

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

Product uses: ELECTRONIC CIGARETTES

1.3 Details of the supplier of the safety data sheet

Company name: iDeotech Ltd

Company address: 7 Egerton Road
Reading
Berkshire
RG2 8HQ
United Kingdom

Contact: Ideotech

E-Mail address: sales@ideotech.co.uk

Company phone: 01182290475

1.4 Emergency telephone number

Emergency phone: 01182290475

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger:
Acute Toxicity - Oral Category 3
Acute Toxicity - Dermal Category 2
Acute Toxicity - Inhalation Category 4
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H301, Toxic if swallowed.
H310, Fatal in contact with skin.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H412, Harmful to aquatic life with long lasting effects.

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2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements:
H301, Toxic if swallowed.
H310, Fatal in contact with skin.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H412, Harmful to aquatic life with long lasting effects.

Supplemental Information: None

Precautionary statements:
P261, Avoid breathing vapour or dust.
P262, Do not get in eyes, on skin or on clothing.
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.
P302/350, IF ON SKIN: Gently wash with plenty of soap and water.
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.
P310, Immediately call a POISON CENTER or doctor/physician.
P330, Rinse mouth.
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.
P363, Wash contaminated clothing before reuse.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

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Pictograms:

2.3 Other hazards

Other hazards: Hydrocarbon Concentration %: 0.0000%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
nicotine benzoate	88660-53-1	828-490-9		3.47%	Acute Tox. 2-Acute Tox. 1-Acute Tox. 2-Aquatic Chronic 2;H300-H310-H330-H411,-	
2-isopropyl-N,2,3-trimethylbutyramide	51115-67-4	256-974-4		2.24%	Acute Tox. 4;H302,-	oral: ATE = 490 mg/kg bw
Ethyl n-butyrate	105-54-4			1.10%	Flam. Liq. 3-Eye Irrit. 2;H226-H319,-	
Acetic acid	64-19-7	200-580-7		0.69%	Flam. Liq. 3-Skin Corr. 1A;H226-H314,-	dermal: ATE = 1100 mg/kg bw-oral: ATE = 3540 mg/kg bw
Furaneol	3658-77-3			0.13%	Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1-Skin Sens. 1A;H302-H314-H317,-	oral: ATE = 1608 mg/kg bw
Hexanoic acid	142-62-1	205-550-7		0.13%	Skin Corr. 1C-Eye Dam. 1;H314,-	oral: ATE = 4000 mg/kg bw

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Butyl acetate	123-86-4	204-658-1		0.27%	Flam. Liq. 3-STOT SE 3;H226-H336,-	
Glycerol	56-81-5	200-289-5		40.12%	-;-,-	
Propylene glycol	57-55-6	200-338-0		48.92%	-;-,-	
nicotine benzoate	88660-53-1	828-490-9		3.47%	Acute Tox. 2-Acute Tox. 1-Acute Tox. 2-Aquatic Chronic 2;H300-H310-H330-H411,-	

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Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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: Gently 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

Toxic if swallowed.

Fatal in contact with skin.

May cause an allergic skin reaction.

Causes serious eye irritation.

Harmful if inhaled.

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.

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.

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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:

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):

ELECTRONIC CIGARETTES: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

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Ingredient	CAS	EC	Description	Value
Butyl acetate	123-86-4	204-658-1	UK WEL Long term ppm	150
			UK WEL Long term mgm3	724
			UK WEL Short term ppm	200
			UK WEL Short term mgm3	966
Glycerol	56-81-5	200-289-5	UK WEL Long term mgm3	10
			German WEL Long term mgm3	200
			German WEL Short term mgm3	400
Propylene glycol	57-55-6	200-338-0	UK WEL Long term ppm	150
			UK WEL Long term mgm3	474
nicotine benzoate	88660-53-1	828-490-9	UK WEL Long term mgm3	0.5
			UK WEL Short term mgm3	1.5

8.2 Exposure Controls

Eye / Skin Protection

If splashes are likely to occur face shield and safety glasses or goggles under EN166 as a minimum standard. Handle with gloves. Use nitrile, latex or rubber gloves, which satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 as a minimum. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good practices. Wash and dry hands.

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	> 70 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	Not determined
Relative vapour density:	Not determined
Particle characteristics:	Not determined

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.

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.

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Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Acute Toxicity - Oral Category 3
	Acute Toxicity - Dermal Category 2
	Acute Toxicity - Inhalation Category 4
Acute Toxicity Oral	143
Acute Toxicity Dermal	144
Acute Toxicity Inhalation	14.4
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
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:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
2-isopropyl-N,2,3-trimethylbutyramide	51115-67-4	256-974-4	490	Not available	Not available	Not available
nicotine benzoate	88660-53-1	828-490-9	5	5	0.5	Not available

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:

Harmful 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 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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12.6 Endocrine disrupting properties: Not Applicable

12.7 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:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
IMDG	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
ADR,RID,ADN	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
ICAO TI	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

Water Hazard Class (WGK): 3

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EDI 2=94.34% SS 1=76.92% EH C3=72.05%

Total Fractional Values: EDI 2=1.06 SS 1=1.30 EH C3=1.39

Key to revisions:

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Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 1	Acute Toxicity - Dermal Category 1
Acute Tox. 2	Acute Toxicity - Oral Category 2
Acute Tox. 2	Acute Toxicity - Inhalation Category 2
Acute Tox. 4	Acute Toxicity - Oral Category 4
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H411	Toxic to aquatic life with long lasting effects.
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.
P260	Do not breathe vapour or dust.
P262	Do not get in eyes, on skin or on clothing.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
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.
P284	Wear respiratory 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.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/350	IF ON SKIN: Gently wash with plenty of soap and water.
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.

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P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
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.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
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.
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 Sens. 1A	Sensitization - Skin Category 1A

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.