

Mixtio.[®]

SAFETY DATA SHEET

Issued: 18-08-2023

ACCORDING TO REGULATION (EC) No. 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: Bar Series - Mad Blue 50:50 Nicotine Salt 20mg/ml

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

Identified uses Electronic cigarettes

Uses advised against Not known

1.3. Details of the supplier of the safety data sheet

Manufacturer
Company identification Mixtio LTD
Address of manufacturer Unit 1
Sprint Industrial Estate
Four Ashes
Wolverhampton
WV10 7DA
Postcode
Telephone: +44 (0)7725 801708
Fax None
Email harry@mixtio.co.uk

Supplier
Company identification EL Science
Address of supplier 1 The Manor Grove Centre
Vicarage Farm Road
Peterborough
United Kingdom
PE1 5UH
Postcode
Telephone: +44 (0)1733 352553
Fax None
Email contact@elscience.co.uk

1.4. Emergency telephone number

Emergency Phone No. Mixtio Compliance Officer
Contact +44 (0)7725 801708

National Response Centre

Address NHS Direct
Emergency Phone No +44 (0)113 825 0000 or (UK) 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Acute Tox. 3 : Toxic if swallowed
Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects

2.2. Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product name Bar Series - Mad Blue 50:50 Nicotine Salt 20mg/ml

Hazard pictogram



GHS06

Signal word Danger.

Hazard statement(s) H301 : Toxic if swallowed

Mixtio.®

SAFETY DATA SHEET

Issued: 18-08-2023

H412 : Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P264 : Wash hands thoroughly after handling.
P270 : Do not eat, drink or smoke when using this product.
P273 : Avoid release to the environment.
P301 + P310 : IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P330 : Rinse mouth.
P405 : Store locked up.
P501 : Dispose of contents/container to suitable refuse site.

2.3. Other hazards

EUH208 : Contains 4-Hydroxy-2,5-dimethyl-3(2H)-furanone. May produce an allergic reaction.

2.4 Additional information

None.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC / REACH	% W/W	CLASSIFICATION
Glycerol	56-81-5	200-289-5	50 - 100	Not classified
Propylene glycol	57-55-6	200-338-0	25 - 50	Not classified
Nicotine Salicylate	29790-52-1	249-852-7	1 - 5	Acute Tox. 2 H300 Acute Tox. 2 H310 Acute Tox. 2 H330 Aquatic Chronic 2 H411
cis-3-hexenol	928-96-1	213-192-8	< 1	Flam. Liq. 3 H226 Eye Irrit. 2 H319
Benzyl alcohol	100-51-6	202-859-9 603-057-00-5	< 1	Acute Tox. 4 H302 Acute Tox. 4 H332 Eye Irrit. 2 H319
Ethyl butyrate	105-54-4	203-306-4	< 1	Flam. Liq. 3 H226 Eye Irrit. 2 H319
Propionic acid	79-09-4	201-176-3 607-089-00-0	< 1	Flam. Liq. 3 H226 Skin Corr. 1 H314 Eye Dam. 1 H318
Isoamyl acetate	123-92-2	204-662-3 607-130-00-2	< 1	Flam. Liq. 3 H226
4-Hydroxy-2,5-dimethyl-3(2H)-furanone	3658-77-3	222-908-8	< 1	Acute Tox. 4 H302 Skin Corr. 1 H314 Eye Dam. 1 H318 Skin Sens. 1 H317
Ethyl acetate	141-78-6	205-500-4 607-022-00-5	< 1	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin contact

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

IF SWALLOWED: Call a POISON CENTRE/doctor. Rinse mouth.

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

Mixtio.®

SAFETY DATA SHEET

Issued: 18-08-2023

Unlikely to be required but if necessary 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

None anticipated. Heating may cause decomposition.

5.3. Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

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

Clean up spillages using sand or other suitable adsorbent material.

6.4. Reference to other sections

See also sections 8, 13.

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 temperature.
Storage life Stable under normal ambient conditions.
Incompatible materials Not known.

7.3. Specific end use(s)

Electronic cigarettes

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational Exposure Limits

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
Glycerol, mist	56-81-5		10			
Propane-1,2-diol total vapour and particulates	57-55-6	140	474			
Propane-1,2-diol particulates	57-55-6		10			
Nicotine; 3-(N-methyl-2-pyrrolidinyl)pyridine	54-11-5		0.5		1.5	IOELV Sk
Propionic acid	79-09-4	10	31	15	46	
Isoamyl acetate	123-92-2	50	270	100	541	
Ethyl acetate	141-78-6	200	734	400	1468	

Region Source
EU EU Occupational Exposure Limits
United Kingdom UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)

Remark Notes
IOELV Indicative Occupational Exposure Limit Values.
Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

Mixtio.[®]

SAFETY DATA SHEET

Issued: 18-08-2023

8.2. Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. personal protective equipment



Eye protection

Wear eye protection.



Skin protection

Wear gloves.



Respiratory protection

In case of inadequate ventilation wear respiratory protection.



Thermal hazards

None known.

8.2.3. Environmental exposure controls Do not release into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Colourless to brown liquid
Odour:	Fruity
Odour threshold;	Not known.
pH:	Not known.
Melting point/freezing point;	Not known.
Initial boiling point and boiling range;	Not known.
Flash point;	>67 °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.
Relative density;	1.15 g/cm ³
Solubility(ies);	Not known.
Partition coefficient: n-octanol/water;	Not known.
Auto-ignition temperature;	Not known.
Decomposition temperature;	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 ambient conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for intended purpose.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Not known.

Mixtio.[®]

SAFETY DATA SHEET

Issued: 18-08-2023

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity – Ingestion	Category 3
Acute toxicity – Skin contact	Not classified
Acute toxicity – Inhalation	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Skin sensitisation	Not classified
Respiratory sensitisation	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

SECTION 12: Ecological information

12.1. Toxicity

Toxicity – Aquatic invertebrates	Not classified
Toxicity – Fish	Not classified
Toxicity – Algae	Not classified
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/container according to local regulations.

SECTION 14: Transport information

Not classified as hazardous for transport

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

Mixtio.[®]

SAFETY DATA SHEET

Issued: 18-08-2023

use of certain dangerous substances,
mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) No. 850/2004 of the Not listed

European Parliament and of the Council
on persistent organic pollutants

Regulation (EC) No. 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) No 649/2012 of the Nicotine (54-11-5)

European Parliament and of the Council

concerning the export and import of

hazardous chemicals

National Regulations

Other

Not listed

15.2. Chemical safety assessment

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)



GHS06

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Acute Tox. 2 : Acute oral toxicity, Category 2
Acute Tox. 3 : Acute oral toxicity, Category 3
Acute Tox. 4 : Acute oral toxicity, Category 4
Acute Tox. 2 : Acute dermal toxicity, Category 2
Skin Corr. 1 : Skin corrosion, Category 1
Skin Sens. 1 : Skin sensitisation, Category 1
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Serious eye irritation, Category 2
Acute Tox. 2 : Acute inhalation Toxicity, Category 2
Acute Tox. 4 : Acute inhalation Toxicity, Category 4
STOT SE 3 : Specific target organ toxicity single exposure, Category 3
Aquatic Chronic 2 : Aquatic chronic, Category 2
Aquatic Chronic 3 : Aquatic chronic, Category 3

Hazard statement(s)

H225 : Highly flammable liquid and vapour
H226 : Flammable liquid and vapour
H300 : Fatal if swallowed
H301 : Toxic 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
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation
H330 : Fatal if inhaled
H332 : Harmful if inhaled
H336 : May cause drowsiness or dizziness
H411 : Toxic to aquatic life with long lasting effects
H412 : Harmful to aquatic life with long lasting effects

Mixtio.[®]

SAFETY DATA SHEET

Issued: 18-08-2023

Precautionary statement(s)

P264 : Wash hands thoroughly after handling.
P270 : Do not eat, drink or smoke when using this product.
P273 : Avoid release to the environment.
P301 + P310 : IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P330 : Rinse mouth.
P405 : Store locked up.
P501 : Dispose of contents/container to suitable refuse site.

Acronyms

CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EG : 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 Toxic Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Mixtio Lab gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Mixtio Lab accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.