

Material Safety Data Sheet

According to (EC) No 1907/2006 (REACH) and 1272/2008 (CLP)

LIQUIFINE

EN

FORM-06-14-01 (V00)

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Revision:

Version: 00



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

1.1 Product identifier

Product name: Liquifine
Liquifine
Liquifine
Liquifine
Liquifine
N° CAS: 532-32-1; 77-92-9; 56038-13-2; 7732-18-5
N° EC: 208-534-8; 201-069-1; 259-952-2; 231-791-2

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

Identified uses: Active Pharmaceutical Ingredient or Excipient.

1.3 Details of the supplier of the safety data sheet

Company: FRAVER NV
Keizershoek 336
2550 Kontich
Belgium
Telephone: (+32) (0)3 457 11 76
Email: info@magis-pharma.be
Web page: www.magis-pharma.be

1.4 Emergency telephone number

Public utility foundation:	Belgisch Antigifcentrum	Centre Antipoisons Belge
Telephone:	(+32) (0)70 245 245	(Service 24/7)
Web page:	www.antigifcentrum.be	www.centreantipoisons.be

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture

Classification according to (EC) n° 1272/2008

The mixture is not classified according to regulation (EC) 1272/2008 (CLP).

2.2 Label elements

Labelling according to (EC) n° 1272/2008

The product does not require hazard labeling according to regulation (CE) 1272/2008 (CLP).

Additional applicable label elements: Not applicable.

2.3 Other hazards

Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N/A.

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3.2 Mixtures

Product name: Modified food starch

IUPAC name: N/A

Synonyms: N/A

N° CAS: N/A

N° EC: N/A

Molecular Formula: N/A

Product name: Sodium benzoate

IUPAC name: Sodium;benzoate

Synonyms: Sobenate; Benzoate of soda

N° CAS: 532-32-1

N° EC: 208-534-8

Molecular Formula: $C_7H_5O_2Na$

Product name: Citric acid

IUPAC name: 2-hydroxypropane-1,2,3-tricarboxylic acid

Synonyms: Citro; Hydrocerol A

N° CAS: 77-92-9

N° EC: 201-069-1

Molecular Formula: $C_6H_8O_7$

Product name: Sucralose

IUPAC name: (2R,3R,4R,5R,6R)-2-[(2R,3S,4S,5S)-2,5-bis(chloromethyl)-3,4-dihydroxyoxolan-2-yl]oxy-5-chloro-6-(hydroxymethyl)oxane-3,4-diol

Synonyms: Trichlorosucrose; Aspasvit

N° CAS: 56038-13-2

N° EC: 259-952-2

Molecular Formula: $C_{12}H_{19}Cl_3O_8$

Product name: Cherry Flavour

IUPAC name: N/A

Synonyms: N/A

N° CAS: N/A

N° EC: N/A

Molecular Formula: N/A

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Product name:	Water
IUPAC name:	Oxidane
Synonyms:	Purified Water; Dihydrogen oxide
N° CAS:	7732-18-5
N° EC:	231-791-2
Molecular Formula:	H ₂ O

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes:	Notify the doctor. Show the doctor the security file of this service.
After inhalation:	Supply fresh air, consult a doctor in case of complaints.
After skin contact:	Generally, the product does not irritate the skin.
After eye contact:	Remove contact lenses and rinse immediately with plenty of water. Get medical advice if needed

4.2 Most important symptoms and effects, both acute and delayed

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:	CO ₂ , water spray, powder, alcohol resistant foam.
Unsuitable extinguishing media:	Not available.

5.2 Special hazards arising from the substance/mixture

Not available.

5.3 Advice for firefighters

Surrounding fires:	Wear adequate protection measures.
Protection against fire:	Helmet with visor, fireproof clothing (jacket and trousers with straps around the arms, legs and waist) EN 469, gloves (fireproof and dielectric) EN 659, a face mask covering the entire face of the operator or the car (self-protection) in the case of large quantities of smoke, a self-contained breathing apparatus, EN 137.
Hazardous combustion products:	Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Not available.

For emergency responders

Not available.

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6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter the sewers or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material such as sawdust, sand, diatomite, universal binders and acid binders.

6.4 Reference to other sections

For control of exposure and self-protection, see section 8.

For disposal of the product, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Not available.

Personal protection: Wear appropriate protective measures for handling of chemical substances.

Technical protective measures: Not available.

Handling: Not available.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store the product in airtight containers in a ventilated area.

Conditions for safe storage, including any incompatibilities: Avoid direct contact with sunlight.

Storage – away from: No special requirements.

7.3 Specific end use(s)

Active Pharmaceutical Ingredient or Excipient

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Not available.

8.2 Exposure controls

Appropriate engineering control

Not available.

Individual protection measures

Eye/face protection: Safety glasses recommended during refilling.

Skin protection: Wear appropriate protective measures for handling of chemical substances.

Hand protection: Wear suitable protective gloves.

Respiratory protection: Fresh air mask.

Thermal hazards: Not determined.

Environmental exposure control

Not available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	White, syrupy suspension
Odour:	Specific, cherry.
Odour threshold:	Not available.
pH:	4.0 – 5.0
Melting/freezing point:	Not available.
Initial boiling point:	Not available.
Boiling range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammability (solid/gas):	Not available.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.00 – 1.04 g/mL
Solubility:	Not available.
Solubility in water:	Miscible with water in a 1:1 ratio.
Partition coefficient (n-octanol/water):	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	1500 – 4500 mPa.s
Explosive properties:	Not available.
Oxidising properties:	Not available.

9.2 Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not available.

10.2 Chemical stability

Stable under the conditions mentioned in section 7.

10.3 Possibility of hazardous reactions

No dangerous reactions expected.

10.4 Conditions to avoid

Not available.

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10.5 Incompatible materials

Not available.

10.6 Hazardous decomposition products

Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	Not available.
Skin corrosion/irritation:	Not available.
Serious eye damage/irritation:	May have an irritating effect.
Respiratory/skin sensitisation:	Not available.
Germ cell mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive toxicity:	Not available.
Summary of evaluation of the CMR properties:	Not available.
STOT-single exposure:	Not available.
STOT-repeated exposure:	Not available.
Aspiration Hazard:	Not available.
Other:	Not available.

11.2 Additional information on potential adverse human health effects and symptoms

Not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not available.

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

Not available.

12.6 Other adverse effects

Not available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Consider federal state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 14: TRANSPORT INFORMATION

Transport information according to ADR/RID/IMDG/ICAO/IATA

14.1 UN Number

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.2 UN proper shipping name

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.3 Transport hazard class(es)

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.4 Packing group

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.5 Environmental hazards

ADR/ RID(Land),IMDG(Sea),
IATA/ICAO (Air) : Not classified.

14.6 Special precautions for user

Not available.

14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not available.

14.8 Additional transport information

Not available.

SECTION 15: REGULATORY INFORMATION

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

The substance is not classified according to regulation (EC) 1272/2008 (CLP).

15.2 Chemical safety assessment

Not available.

SECTION 16: OTHER INFORMATION

16.1 Changes since the previous version

Not applicable.

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16.2 Abbreviations and acronyms used

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
EC (number):	European Community (number)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IMDG:	International Maritime Code for Dangerous Goods
IUPAC:	International Union of Pure and Applied Chemistry
PBT:	Persistent, Bioaccumulative and Toxic substance
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
UN (number):	United Nations (number)
vPvB:	very Persistent and very Bioaccumulative

16.3 Key literature references/sources for data

European Chemicals Agency.

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/>

16.4 Method of classification in case of mixture

Not applicable.

16.5 Relevant Hazard statements and/or precautionary statements

For information on hazard and/or precautionary statements refer to section 2 up to and including section 15.

16.6 Training advisement

Not available

16.7 Notice for user(s)

The information provided in this MSDS has been established in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council, on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC of the Commission.

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16.8 Department issuing MSDS

Quality Department

FRAVER NV

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