SAFETY DATA SHEET

Moussy Gel

Date: 15.03.2025 Version: 1.0
Date of revision:

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

1.1 Product identifier: **Moussy Gel**

Other means of identification: mixture

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

Relevant uses: styling nails (cosmetic product)

Uses advised against: All uses not specified in this section

1.3 Details of the supplier of the safety data:

LF Cosmetics Sp. z o.o.
Korzeniowskiego 26, 81-376 Gdynia, Poland
Phone: +48 58 77 44 000
e-mail: info@lf.pl

1.4 Emergency telephone number: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

The product is classified as hazardous according to CLP Regulation (EC) No 1272/2008:

Eye Irrit. 2 H319
Skin Sens. 1 H317
Skin Irrit. 2 H315
STOT SE 3 H335
Aquatic Chronic 3 H412

2.2 Label elements

CLP Regulation (EC) No 1272/2008

Signal word: Warning

Hazard statements:

Eye Irrit. 2 Causes serious eye irritation.

Skin Sens. 1 May cause an allergic skin reaction.

Skin Irrit. 2 Causes skin irritation.

Aquatic Chronic 3 Harmful to aquatic life with long lasting effects

Precautionary statements:

Wash hands thoroughly after handling. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Non-applicable

3.2 Mixtures:

Identification	Chemical name/Classification	
CAS: 41137-60-4 WE: 255-239-5	Di-HEMA Trimethylhexyl Dicarbamate	
	Regulation 1272/2008	Aquatic Chronic 3 H412
CAS: - EC: -	Urethane Acrylate Oligomer	
	Regulation 1272/2008	Non classified
CAS: 923-26-2 EC: 213-090-3	Hydroxypropyl Methacrylate	
	Regulation 1272/2008	Eye Irrit. 2 H319 Skin Sens. 1 H317
CAS: - EC: -	Epoxy Methacrylate	
	Regulation 1272/2008	Non classified
CAS: 888888-05-8 WE: -	Silica Dimethicone Silylate	
	Regulation 1272/2008	Non classified
CAS: 42978-66-5 WE: 256-032-2	Tripropylene Glycol Diacrylate (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	
	Regulation 1272/2008	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 Aquatic Chronic 2 H411
CAS: 15206-55-0 WE: 239-263-3	Methyl Benzoylformate	
	Regulation 1272/2008	Skin Sens. 1 H317
CAS: 308066-74-2 WE: 920-837-3	Glass	
	Regulation 1272/2008	Non classified
CAS: 68611-44-9 WE: 271-893-4	Silica Dimethyl Silylate	
	Regulation 1272/2008	Non classified
CAS: 150-76-5 EC: 205-769-8	p-hydroxyanisole	
	Regulation 1272/2008	Acute Tox. 4 H302 Eye Irrit. 2 H319 Skin Sens. 1 H317
CAS: 12001-26-2	Mica	

Identification	Concentration [%]
CAS: 41137-60-4 WE: 255-239-5	25-50
CAS: - EC: -	25-50
CAS: 923-26-2 EC: 213-090-3	5-10
CAS: - EC: -	5-10
CAS: 888888-05-8 WE: -	1-5
CAS: 42978-66-5 WE: 256-032-2	1-5
CAS: 15206-55-0 WE: 239-263-3	1-5
CAS: 308066-74-2 WE: 920-837-3	0,1-1
CAS: 68611-44-9 WE: 271-893-4	0,1-1
CAS: 150-76-5 EC: 205-769-8	0,1-1
CAS: 12001-26-2	0,1-5

EC: 601-648-2	Regulation 1272/2008	Not Classified	
CAS: 13463-67-7 EC: 236-675-5	CI 77891		0-0,1
	Regulation 1272/2008	Carc. 2 H351 (inhalation)	
CAS: 1309-37-1 EC: 215-168-2	CI 77491		0-0,1
	Regulation 1272/2008	Not Classified	
CAS: 51274-00-1 EC: 257-098-5	CI 77492		0-0,1
	Regulation 1272/2008	Not Classified	
CAS: 12227-89-3 EC: 235-442-5	CI 77499		0-0,1
	Regulation 1272/2008	Not Classified	
CAS: 10101-66-3 EC: 233-257-4	CI 77742 (Ammonium manganese(3+) diphosphate)		0-0,1
	Regulacje 1272/2008	Not Classified	
CAS: 81-48-1 EC: 201-353-5	CI 60725		0-0,1
	Regulation 1272/2008	Skin Sens. 1B. H317	
CAS: 1333-86-4 EC: 215-609-9	CI 77266		0-0,1
	Regulation 1272/2008	Not Classified	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:
This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:
In case the skin is affected (stinging, redness, rashes, blisters,...), seek medical help with this Safety Data Form.

By eye contact:
Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:
Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2).

Unsuitable extinguishing media: IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.2 Environmental precautions

Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.6.4.

6.4 Reference to other sections

See p.8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

A - Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order andcleanliness where dangerous products are used.

B - Technical recommendations for the prevention of fires and explosions
Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C -Technical recommendations to prevent ergonomic and toxicological risks
Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D - Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities

A - Technical aspects of storage.
Min temp.: 5°C
Max temp.: 35°C
B - General storage conditions.
Avoid sources of heat, radiation and electrostatics. Store away from foodstuffs. For more information see section 10.5.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):
p-hydroxyanisole: NDS 5 mg/m^3
CI 77491: NDS: 5 mg/m^3; NDSCh 10 mg/m^3
CI 77891: NDSCh 10 mg/m^3

8.2 Exposure controls

A - General security and hygiene measures in the work place
As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B - Respiratory protection
The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C - Specific protection for the hands
Non-applicable or if the skin is dirty, wash it thoroughly.

D - Ocular and facial protection
Non-applicable (cosmetics product)

E - Body protection
Non-applicable

F - Additional emergency measures
It is not necessary to take additional emergency measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:
Physical state at 20 °C: Liquid
Appearance: Fluid
Colour: characteristic
Odour: Characteristic
Odour threshold: Non-applicable
Volatility:
Boiling point at atmospheric pressure: Non-applicable
Vapour pressure at 20 °C: Non-applicable
Vapour pressure at 50 °C: Non-applicable
Evaporation rate at 20 °C: Non-applicable
Product description:
Density at 20 °C: 1,05-1,15
Relative density at 20 °C: Non-applicable
Dynamic viscosity at 20 °C: Non-applicable
Kinematic viscosity at 20 °C: Non-applicable
Kinematic viscosity at 40 °C: Non-applicable
pH: Non-applicable
Vapour density at 20 °C: Non-applicable
Partition coefficient n-octanol/water 20 °C: Non-applicable
Solubility in water at 20 °C: soluble
Solubility properties: Non-applicable
Decomposition temperature: Non-applicable
Melting point/freezing point: Non-applicable
Explosive properties: Non-applicable
Oxidising properties: Non-applicable
Flammability:
Flash Point: Non Flammable (>60 °C)
Heat of combustion: Non-applicable
Flammability (solid, gas): Non-applicable
Autoignition temperature: Non-applicable
Lower flammability limit: Non-applicable
Upper flammability limit: Non-applicable
Explosive:
Lower explosive limit: Non-applicable
Upper explosive limit: Non-applicable

9.2 Other information

Surface tension at 20 °C:	Non-applicable
Refraction index:	Non-applicable

9.2.1 Information with regard to physical hazard classes

Non-applicable

9.2.2 Other safety characteristics

Non-applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Risk of exothermic polymerisation upon contact with incompatible materials.

10.2 Chemical stability

Risk of exothermic polymerisation.

10.3 Possibility of hazardous reactions

May emit volatile, flammable vapours. Avoid handling close to heat or ignition sources. May polymerise. Danger of bursting of closed systems to vigorous exothermic polymerization. Avoid uncontrolled polymerization.

10.4 Conditions to avoid

Avoid heat, sparks and open flames. Protect from direct sunlight. Avoid heating.

10.5 Incompatible materials

Protect against strong acids and bases, as well as against oxidizing agents.

10.6 Hazardous decomposition products

In the case of normal use, they do not arise. Dangerous products such as carbon monoxide and carbon dioxide are formed at high temperatures and during fire.

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure

limits, adverse effects on health may result, depending on the means of exposure:

A - Ingestion (acute effect):

Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B - Inhalation (acute effect):

Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C - Contact with the skin and the eyes (acute effect):

Contact with the skin: May cause skin irrition. For more information see section 3.

Contact with the eyes: May cause eyes irrition. For more information see section 3.

D - CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
E - Sensitizing effects:
Respiratory: May cause sensitizing effect. For more information see section 3.
Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
F - Specific target organ toxicity (STOT) - single exposure:
Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
G - Specific target organ toxicity (STOT)-repeated exposure:
- May cause drowsiness or dizziness.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
H - Aspiration hazard:
Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

11.2 Other information:
Non-applicable

Specific toxicology information on the substances:

Methyl Benzoylformate
LD50 6 800 - 10 000 mg/kg – oral
LD50 2 000 mg/kg – dermal

p-hydroxyanisole
LD50 2 000 mg/kg, dermal

CI 77491
LD50 5 000 - 10 000 mg/kg, oral

CI 77492
LD50 10 000 mg/kg, oral

CI 77891
LD50 2 000 - 25 000 mg/kg, oral
LC50 (4 h) 3.43 - 6.82 mg/L air, inhalation

CI 77742
LD50 12 900 mg/kg, oral

Tripropylene Glycol Diacrylate
LD50 2 000 mg/kg – oral
LC0 (7 h) 540 µg/m³ air – inhalation

LD50 2 000 mg/kg - dermal

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Methyl Benzoylformate
LC50 (4 days) 54.6 - 120 mg/L, fish

Tripropylene Glycol Diacrylate
LC50 (4 days) 4.6 - 10 mg/L – fish
EC50 (48 h) 89 mg/L - aquatic invertebrates
EC50 (72 h) 65.9 mg/L - algae

CI 60725
LC50 (4 days) 500 mg/L, fish
EC50 (48 h) 100 mg/L, aquatic invertebrates
EC50 (72 h) 1.1 mg/L, algae and cyanobacteria

p-hydroxyanisole
LC50 (4 days) 28.5 mg/L, fish
EC50 (48 h) 3 mg/L, aquatic invertebrates
EC50 (21 days) 1.42 mg/L, aquatic invertebrates
EC50 (72 h) 19 - 54.7 mg/L, algae and cyanobacteria

CI 77491
LC0 (4 days) 10 - 100 g/L, fish
EC50 (48 h) 100 mg/L, aquatic invertebrates
EC50 (72 h) 20 mg/L, algae and cyanobacteria

CI 77492
LC50 (4 days) 100 g/L, fish
EC50 (48 h) 100 mg/L, aquatic invertebrates
EC50 (72 h) 20 mg/L, algae and cyanobacteria

CI 77891
LC50 (14 days) 870 - 1 100 µg/L, fish
NOEC (28 days) 4 - 80 µg/L, fish
EC50 (72 h) 3.58 - 100 mg/L, aquatic invertebrates
EC50 (72 h) 100 mg/L algae and cyanobacteria

CI 77266
LC50 (4 days) 100 - 10 000 mg/L, fish
EC50 (24 h) 5.6 g/L, aquatic invertebrates
EC50 (72 h) 100 - 10 000 mg/L, algae and cyanobacteria

12.2 Persistence and degradability:
No data

12.3 Bioaccumulative potential:
No data

12.4 Mobility in soil:
No data

12.5 Results of PBT and vPvB assessment
Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7 Other adverse effects
Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

SECTION 14: TRANSPORT INFORMATION

14.1 Other relevant information:
ADR / RID: not applicable ; IMDG: not applicable; IATA: not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Public Health Act. Announcement of the Marshal of the Sejm of the Republic of Poland of 19 April 2016 on the announcement of the consolidated text of the Act - Environmental Protection Law (Journal of Laws of 2016, item 672). Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of December 18, 2006 on the Registration, Evaluation, Authorization and Restriction of Chemical Substances, on the establishment of the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC in force sound. Regulation of the European Parliament and of the Council (EC) No. 1272/2008 in its current wording. Regulation (EC) No. 694/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals. Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2020, item 2289, of 2021, item 2151). Regulation of the Minister of Health of 20 April 2012 on labeling packaging of dangerous substances and dangerous mixtures and certain mixtures (Journal of Laws No. , item 445). Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of chemical substances and their mixtures (Journal of Laws No. 1018). Act of 28 May 2020 amending the Act on chemical

substances and their mixtures and certain other acts (Journal of Laws 2020, item 1337) transport of dangerous goods (Journal of Laws 2020, item 154). Act of January 23, 2020 amending the Act on waste and certain other acts. (Journal of Laws of January 23, 2020, item 150). Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws of 2013, item 888). Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the work environment. The product contains explosives precursors subject to mandatory reporting: Reporting Suspicious Transactions, Disappearances and Thefts in accordance with Regulation (EU) 2019/1148, Article 9.

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:
The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830). Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: Non-applicable

Texts of the legislative phrases mentioned in section 2:

H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects

Advice related to training:
Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:
http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon