

SAFETY DATA SHEET

MAPR-L Paintable Silicone Fluid



Data Prepared: July 23, 2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name : MAPR-L
Description : Paintable Silicone Fluid
CAS Number : 68037-76-3

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available

Use of Substance: Industrial/Lubricant Mold Release Agent

Details of the supplier of the safety data sheet

Company name of supplier : Clearco Products Co Inc.

Address : 15 York Rd.
Willow Grove, PA 19090 U.S.A.

Telephone : 215-366-7860

Emergency Telephone : **VelocityEHS: 1-800-255-3924 (DOMESTIC)**
+01-813-248-0585 (INTERNATIONAL)
Contract# MIS0001670

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EV) No 1272-2008

This substance is not classified as hazardous according to the CLP regulation.

The product is not classified as hazardous according to the Globally Harmonized System (GHS)

Classification according to Directive 67-548-EEC or Directive 1999/45/EC

Not applicable

GHS Label elements, including precautionary statements

Labelling according to Regulation (EC) No. 1272/2008

Not regulated

Pictograms:

Signal Word : Not regulated

Hazard Determining Components of Labelling:

None

Hazard Statements

Not Regulated

Precautionary Statements

Hazard Description:**WHMIS-Symbols:**

Not hazardous under WHMIS.

NFPA-ratings (scale 0-4)

Health	0
Flammability	1
Reactivity	0

HMIS –ratings (scale 0-4)

Health	0
Flammability	1
Reactivity	0
Personal Protection	D

HMIS Long Term Health Substances

Substance is not listed.

Hazards not otherwise classified (HNOC) or not covered by GHS

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients**Substances****Description:**

Siloxanes and Silicones, lauryl Me, Me 2-phenylpropyl

CAS-No:

68037-76-3

Hazardous components:

COMPONENT	CLASSIFICATION	CONCENTRATION
None	N/A	N/A

SECTION 4: First aid measures**Description of first air measures****General Information:**

No special measure required.

Breathing (Inhalation):

Supply fresh air; consult doctor in case of complaints

Skin (Dermal):

Immediately wash with soap and water and rinse thoroughly. If skin irritation is experienced, consult a doctor.

Eyes:

Rinse opened eye for several minutes under running water. If symptoms, persist consult a doctor.

Protect unharmed eye.

Swallowing (Ingestion):

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion

Slight irritant effect on eyes.

HAZARDS:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media : None.

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

No further relevant information available.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

For large spills, wear protective clothing

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions

No special measures required.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders)

Dispose contaminated material as waste according to item 13

Ensure adequate ventilation.

References to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for disposal information

SECTION 7: Handling and storage

Precautions for safe handling

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about fire-explosion protection:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from foodstuff.

Store away from oxidizing agents

Do not store together with alkalis (caustic solutions).

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Specific end use(s)

No further relevant information available

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7

Control parameters

Ingredients with limit values that require monitoring as the workplace:

Ingredient	CAS number	Data type	Value
None	N/A	N/A	N/A

DNELs No further information available

PNECs No further information available

Ingredients with biological limit value

Ingredient	CAS number	Data type	Value
None	N/A	N/A	N/A

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work

Avoid contact with the eyes and skin

Keep away from foodstuffs, beverages and feed.

Do not inhale gases/fumes/ aerosols.

Respiratory protection:

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protecting may be advisable.

Use suitable respiratory protective device when high concentrations are present.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses

Body protection:

Protection may be required for spills.

Limitation and supervision of exposure into the environment

Avoid release to the environment

Risk management measures

No special requirements

SECTION 9: Physical and chemical properties

Form:	Viscous
Colour:	Clear
Odour:	Odourless
Odour threshold:	Not determined.
pH value:	Not determined.
Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	>401°F (>205°C)
Flash point:	>149°C (>300°F) (PMCC)
Flammability (solid, gaseous):	N/A
Auto/Self-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Not determined
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor pressure:	Not determined
Density @ 25°C:	0.93 g/cm ³ (7.761 lbs/gal)
Relative Density:	Not determined
Vapour density at 20°C	Not determined
Evaporation rate:	Not determined
Solubility in/Miscibility with Water:	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Viscosity:	
Dynamic:	1200cSt
Kinematic:	Not determined

SECTION 10: Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition/conditions to be avoided

No decomposition if used and stored according to specifications

To avoid thermal decomposition do not overheat

Possibility of hazardous reactions

Reacts with alkali (lyes)

Reacts with strong acids and oxidizing agents

Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid

Store away from oxidizing agents

Keep away from heat and direct sunlight

Incompatible materials: No further relevant information available.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Silicon Oxides

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity (LD/LC50 values):**

Ingredient	CAS Number	Data Type	Value
None	N/A	N/A	N/A

Primary irritant effect:

On the skin: Slight irritant effect on skin and mucous membranes

On the eye: Slight irritant effect on eyes

Sensitization: No sensitizing effects known

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

SECTION 12: Ecological information**Toxicity**

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available

Bioaccumulative potential No further relevant information available

Mobility in soil No further relevant information available

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available

SECTION 13: Disposal considerations**Waste treatment methods****Recommendation**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to the official regulations

SECTION 14: Transport information

DOT

UN Number: Not Regulated
Proper shipping name: Not Regulated
Hazard class: Not Regulated
Packing group: Not Regulated

ADR

UN Number: Not Regulated
Proper shipping name: Not Regulated
Hazard class: Not Regulated
Packing group: Not Regulated

IMDG

UN Number: Not Regulated
Proper shipping name: Not Regulated
Hazard class: Not Regulated
Packing group: Not Regulated

IATA

UN Number: Not Regulated
Proper shipping name: Not Regulated
Hazard class: Not Regulated
Packing group: Not Regulated

Environmental hazards:

Marine pollutant: No
Special precautions for user: Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable
UN "Model Regulation": -

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)

SARA

Section 355 (extremely hazardous substances):

Substance is not listed.

Section 313 (Specific toxic chemical listings):

Substance is not listed.

TSCA (Toxic Substances Control Act):

Substance is listed

Proposition 65 (California)

Chemicals known to cause cancer:

Substance is not listed

Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

Chemicals known to cause developmental toxicity:

Substance is not listed.

Carcinogenic Categories**EPA (Environmental Protection Agency)**

Substance is not listed.

IARC (International Agency for Research on Cancer):

Substance is not listed.

TLV (Threshold Limit Value established by ACGIH):

Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

Substance is not listed.

Canada**Canadian Domestic Substances list:**

Substance is listed.

Canadian Ingredient Disclosure list (limit 0.1%):

Substance is not listed.

Canadian Ingredient Disclosure list (limit 1%):

Substance is not listed.

Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Substances of very high concern (SVHC) according to REACH, Article 57:

Substance is not listed.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damages, direct or indirect, as a result of their use.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists CAS: Chemical Abstracts Service (division of the American Chemical society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (Canada) WHMIS: Workplace Hazardous Materials Information System (Canada) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH)