

Safety Data Sheet

gpsilicones.com



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1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

PRODUCT NAME: GP-146
PRODUCT NUMBER: C-0765-BULK
DESCRIPTION: SILICONE FLUID
CAS NUMBER: MIXTURE

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

No further relevant information available.

USE OF SUBSTANCE: Industrial / Lubricant

1.3 Company Identifiers

MANUFACTURER: Genesee Polymers Corporation
G-4099 S. Dort Hwy.
Burton, MI 48529
Tel (810) 715-5018 Fax (810) 742-8581
Email: cpiskoti@gpsilicones.com

1.4 Emergency Contact Information

24 HR. EMERGENCY PHONES: CHEM*TEL (800) 255-3924 (Domestic) / (813) 248-0585 (International)
Contract Number: MIS0002539

2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

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

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

Not Applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Additional Information:

0 percent of the mixture consists of component(s) of unknown toxicity.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

2.2 GHS Label elements, including precautionary statements

Labelling according to Regulation (EC) No 1272/2008

This product does not have a classification according to the CLP regulation.
The product does not have a classification according to the General GHS regulations.
The product is not classified as hazardous according to OSHA GHS regulations within the United States.

PICTOGRAMS:



SIGNAL WORD: Not Regulated.

HAZARD DETERMINING COMPONENTS OF LABELLING:
None.

HAZARD STATEMENTS
Not Regulated.

PRECAUTIONARY STATEMENTS
Not Regulated.

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
None of the ingredients are listed.

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

Results of PBT and vPvB assessment:
PBT: Not applicable
vPvB: Not applicable
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3 – HAZARDS IDENTIFICATION

3.1 Substances

Description: Mixture consisting of the following components: Siliicones
CAS-No.: MIXTURE

Hazardous components:

COMPONENT	CLASSIFICATION	CONCENTRATION
None.	N/A	N/A

Additional Information:

For the wording of the listed risk phrases refer to section 16.

4 – FIRST-AID MEASURES

4.1 Description of first aid measures

GENERAL INFORMATION: No special measures 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: Protect unharmed eye.

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

SWALLOWING (INGESTION): Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause gastro-intestinal irritation if ingested.

Slight irritant effect on skin and mucous membranes.

Nausea in case of ingestion.

HAZARDS: No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

Alcohol resistant foam.

Fire-extinguishing powder.

Carbon dioxide.

Gaseous extinguishing agents.

For safety reasons unsuitable extinguishing agents: Water.

5.2 Special hazards arising from the substance or mixture:

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

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

No further relevant information available.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and clean up

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

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

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment

See Section 13 for disposal information.

7 – HANDLING and STORAGE

7.1 Precautions for safe handling

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

Information about fire – and explosion protection:

Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool, dry place.

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

Information about storage in one common storage facility:

Store away from oxidizing agents.

Store away from foodstuffs.

Protect from humidity and water.

Further information about storage conditions:

7.3 Specific end use(s)

No further relevant information available.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

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

DNELs No further relevant information available.

PNECs No further relevant 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.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Respiratory protection:

For large spills, respiratory protection may be advisable.

Not required under normal conditions of use.

Protection of hands:



Protective gloves

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

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.

As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

Not required under normal conditions of use.

Limitation and supervision of exposure into the environment

Avoid release to the environment.

Risk management measures

No special requirements.

9 – PHYSICAL / CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid.
Colour:	Colourless
Odour:	Mild
Odour threshold:	Not determined.
pH value:	Not determined.
Change in condition:	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	>315°C (>599°F)
Flash point:	>149°C (>300°F) (PMCC)
Flammability (solid, gaseous):	Not applicable.
Auto/Self-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.

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Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	1.32 hPa (1 mm Hg)
Density at 25 °C:	0.96 g/cm ³ (8.011 lbs/gal)
Relative density:	Not determined.
Vapour density at 20 °C	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water)	Not determined.
Viscosity:	
Dynamic:	325 CSt
Kinematic:	Not determined.
9.2 Other information	No further relevant information available.

10 – STABILITY and REACTIVITY

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided

Keep away from heat/sparks/open flames/hot surfaces - No smoking.

10.3 Possibility of hazardous reactions

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

Reacts with oxidizing agents.

Reacts with water.

Reacts with acids.

10.4 Conditions to avoid

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

Avoid acids.

10.5 Incompatible materials:

Water

Oxidizing agents.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide.

Ammonia

Nitrogen oxides (NO_x)

11 – TOXICOLOGICAL INFORMATION

11.1 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.

Sensitisation: No sensitising 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 product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

12 – ECOLOGICAL INFORMATION**12.1 Toxicity**

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:**General notes:**

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

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

ater hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

13 –DISPOSAL CONSIDERATIONS**13.1 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. Must not be disposed together with household garbage. Do not allow product to reach sewage system. 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 official regulations.

14 – TRANSPORTATION INFORMATION**14.1 Transport hazard 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

14.2 Environmental hazards:

Marine pollutant: No

14.3 Special precautions for user: Not applicable.

**Transport in bulk according to AnnexII of
MARPOL73/78 and the IBC Code:** Not applicable

UN "Model Regulation": -

15 - REGULATIONS

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

United States (USA)

SARA

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

Proposition 65 (California)

Chemicals known to cause cancer:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Carcinogenic Categories

EPA (Environmental Protection Agency)

None of the ingredients are listed.

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

LV (Threshold Limit Value established by ACGIH):

None of the ingredients are listed.

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

None of the ingredients are listed.

Canada**Canadian Domestic Substances list:**

All ingredients are listed.

Canadian Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

Canadian Ingredient Disclosure list (limit 1%):

None of the ingredients are 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:

None of the ingredients are listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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)

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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

Sources

SDS Prepared by:

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