

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

* 1 Identification

- **Product Identifier**
- **Trade Name:** Dip Floatant
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Industry Specific Application
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Loon Outdoors, LLC
P.O. Box 3517
Ashland, OR 97520
P: (800) 580-3811
F: (208) 362-4497
service@loonoutdoors.com
www.loonoutdoors.com
- **Emergency telephone number:** (800) 580-3811

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.

- **Label elements:**
- **Hazard pictograms:**



- **Signal word:** Warning
- **Hazard statements:**
H226 Flammable liquid and vapor.
- **Precautionary statements:**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
96.2 % of the mixture consists of component(s) of unknown toxicity.
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

• **NFPA ratings (scale 0 - 4)**



• **HMS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	2	Fire = 2
REACTIVITY	0	Physical Hazard = 0

• **Hazard(s) not otherwise classified (HNOC):** None known

* 3 Composition/Information on Ingredients

• **Chemical characterization:** Mixtures

• **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 107-46-0 RTECS: JM 9237000	Hexamethyldisiloxane	Flam. Liq. 2, H225	≥85%
CAS: 63148-62-9 RTECS: JT6485000	Polydimethylsiloxane	Eye Irrit. 2B, H320	≤2.5%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4 First-Aid Measures

• **Description of first aid measures**

• **After inhalation:** Generally the product does not irritate with inhalation.

• **After skin contact:** If skin irritation occurs, consult a doctor.

• **After eye contact:**

If eye irritation occurs, consult a doctor.

Rinse opened eye for several minutes under running water.

• **After swallowing:** Never give anything by mouth to an unconscious person.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

• **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5 Fire-Fighting Measures

• **Extinguishing media**

• **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

• **For safety reasons unsuitable extinguishing agents:** No further relevant information.

• **Special hazards arising from the substance or mixture:** No further relevant information available.

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

• **Advice for firefighters**

• **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental Release Measures

• **Personal precautions, protective equipment and emergency procedures:** Do not breathe vapor.

• **Environmental precautions:** Do not allow to enter sewers/surface or ground water.

• **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.

• **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.

• **Protective Action Criteria for Chemicals**

• **PAC-1:**

107-46-0	Hexamethyldisiloxane	13 ppm
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica	120 mg/m ³
63148-62-9	Polydimethylsiloxane	65 mg/m ³

• **PAC-2:**

107-46-0	Hexamethyldisiloxane	140 ppm
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica	1,300 mg/m ³
63148-62-9	Polydimethylsiloxane	720 mg/m ³

• **PAC-3:**

107-46-0	Hexamethyldisiloxane	150 ppm
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica	7,900 mg/m ³
63148-62-9	Polydimethylsiloxane	4,300 mg/m ³

* 7 Handling and Storage

• **Handling**

• **Precautions for safe handling:** Avoid contact with skin, eyes and clothing

• **Information about protection against explosions and fires:** No special measures required.

• **Conditions for safe storage, including any incompatibilities**

• **Storage**

• **Requirements to be met by storerooms and receptacles:** No special requirements.

• **Information about storage in one common storage facility:** Not required.

• **Further information about storage conditions:** None.

• **Specific end use(s):** No further relevant information available.

* 8 Exposure Controls/Personal Protection

• **Additional information about design of technical systems:** No further data; see section 7.

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

- **Control parameters:**
- **Components with occupational exposure limits:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **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.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Goggles recommended during refilling.

- **Limitation and supervision of exposure into the environment:** None

* 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Color:	Colorless
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	≥101 °C (213.8101 °F)
- **Flash point:** <37 °C (98.6 <37 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Not determined.

(Contd. on page 5)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

- **Explosion limits:**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor pressure:** Not determined.
- **Density:**
 - Relative density:** Not determined.
 - Vapor density:** 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:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - VOC content:** 0.00 %
 - Solids content:** 3.1 %
- **Other information:** No further relevant information available.

* 10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:**

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No data available.
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**

• **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

• **NTP (National Toxicology Program):**

None of the ingredients are listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

• **Toxicity:**

• **Aquatic toxicity:** No further relevant information available.

• **Persistence and degradability:** No further relevant information available.

• **Behavior in environmental systems:**

• **Bioaccumulative potential:** No further relevant information available.

• **Mobility in soil:** No further relevant information available.

• **Additional ecological information:**

• **General notes:**

Do not allow undiluted product or product that has not been neutralized 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.

13 Disposal Considerations

• **Waste treatment methods**

• **Recommendation:**

Observe all federal, state and local environmental regulations when disposing of this material.

• **Uncleaned packaging**

• **Recommendation:** Disposal must be made according to official regulations.

* 14 Transport Information

• **UN-Number:**

• **DOT, ADR/ADN, IMDG, IATA**

UN1993

• **UN proper shipping name:**

• **DOT**

Flammable liquids, n.o.s. (Hexamethyldisiloxane)

• **ADR/ADN**

UN1993 FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane)

• **IMDG, IATA**

FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane)

• **Transport hazard class(es):**

• **DOT**



• **Class:**

3 Flammable liquids

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

• **Label:** 3

• **ADR/ADN**



• **Class:** 3 (F1) Flammable liquids
• **Label:** 3

• **IMDG, IATA**



• **Class:** 3 Flammable liquids
• **Label:** 3
• **Packing group:**
• **DOT, ADR/ADN, IMDG, IATA** II
• **Environmental hazards:** Not applicable.
• **Special precautions for user:** Warning: Flammable liquids
• **Danger code (Kemler):** 30
• **EMS Number:** F-E, S-E
• **Stowage Category** B
• **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.
• **Transport/Additional information:**
• **DOT**
• **Quantity limitations:** On passenger aircraft/rail: 5 L
On cargo aircraft only: 60 L

• **ADR/ADN**

• **Excepted quantities (EQ):** Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

• **IMDG**

• **Limited quantities (LQ):** 1L
• **Excepted quantities (EQ):** Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

• **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUID, N.O.S.
(HEXAMETHYLDISILOXANE), 3, II

* 15 Regulatory Information

• **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
• **SARA (Superfund Amendments and Reauthorization):**

• **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

• Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.
• TSCA (Toxic Substances Control Act):
All components have the value ACTIVE.
• Hazardous Air Pollutants
None of the ingredients are listed.
• California Proposition 65:
• 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.
• New Jersey Right-to-Know List:
None of the ingredients are listed.
• New Jersey Special Hazardous Substance List:
None of the ingredients are listed.
• Pennsylvania Right-to-Know List:
None of the ingredients are listed.
• Pennsylvania Special Hazardous Substance List:
None of the ingredients are listed.
• Carcinogenic categories:
• EPA (Environmental Protection Agency):
None of the ingredients are listed.
• TLV (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.

• **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

• **Hazard pictograms:**

• **Signal word:** Warning

• **Hazard statements:**

H226 Flammable liquid and vapor.

• **Precautionary statements:**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

(Contd. on page 9)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/18/2019

Reviewed on 09/18/2019

Trade Name: Dip Floatant

P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

None of the ingredients are listed.

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

• **Date of last revision/ revision number:** 09/18/2019 / 2

• **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety and Health
 OSHA: Occupational Safety & Health Administration
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit
 Flam. Liq. 2: Flammable liquids – Category 2
 Flam. Liq. 3: Flammable liquids – Category 3
 Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

• *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106