

Loon Outdoors Line Speed

SDS Number: 666

Revision Date: 6/30/2016

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Loon Outdoors, LLC
P.O. Box 3517
Ashland, OR 97520

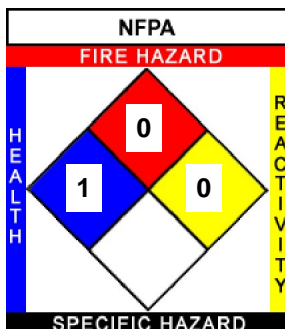
Contact: Loon Outdoors, LLC
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Email: service@loonoutdoors.com
Web: www.loonoutdoors.com

Product Name: Loon Outdoors Line Speed
Revision Date: 6/30/2016
Version: 1
SDS Number: 666
CAS Number: MIXTURE
Chemical Family: Hydrocarbon & Silicone Blend
Chemical Formula: *** PROPRIETARY ***
Product Use: Fly Line Cleaner, Conditioner, and UV Block.
Emergency Phone: (800) 580-3811

2 HAZARDS IDENTIFICATION

NFPA:
HMIS III:

Health = 1, Fire = 0, Reactivity = 0
H*1/F0/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PERSONAL PROTECTION A Safety Glasses	

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A		n	
Safety Glasses		O	
	Splash Goggles	P	
		q	
		r	
		S	
t		Additional Information	
	Vapor Respirator		
U			
	Dust & Vapor Respirator		
W			
	Full Face Respirator		
Y			
	Airline Hood or Apron		
Z			

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 GHS Signal Word:
 WARNING

GHS Hazard Pictograms:



GHS Classifications:

 Health, Serious Eye Damage/Eye Irritation, 2 A
 Health, Reproductive toxicity, 2

GHS Phrases:

 H319 - Causes serious eye irritation
 H361 - Suspected of damaging fertility or the unborn child

GHS Precautionary Statements:

 P262 - Do not get in eyes, on skin, or on clothing.
 P263 - Avoid contact during pregnancy/while nursing.
 P264 - Wash skin thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P302+352 - IF ON SKIN: Wash with soap and water.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P332+313 - If skin irritation occurs: Get medical advice/attention.
 P337+313 - If eye irritation persists: Get medical advice/attention.
 P403+233 - Store in a well ventilated place. Keep container tightly closed.
 P404 - Store in a closed container.
 P405 - Store locked up.
 P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
 P501 - Dispose of contents/container to an approved waste disposal plant.

The GHS Hazards Statement assigned to this product only apply to the concentrated, uncured material. When this product is applied as directed by the manufacturer, and allowed to cure, it attributes no hazards regarding eye irritation, or damage to fertility or the unborn child.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
N/A	90-95%	Proprietary, non-hazardous, non-regulated*
556-67-2	5-10%	Cyclotetrasiloxane, octamethyl-

*Balance of ingredients are non-hazardous, as defined by OSHA 29 CFR 1910.1200 or the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), or hazardous in less than 1% concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory/skin sensitizers).

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4 FIRST AID MEASURES

- Inhalation:** Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** Promptly flush skin with water for at least 15 minutes to ensure all chemical is removed. Remove contaminated clothing and wash before reuse. If reddening develops and/or persists, obtain medical attention.
- Eye Contact:** Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Do NOT rub eyes. Remove contact lenses if present and easy to do so. If eye irritation persists, obtain medical attention.
- Ingestion:** Rinse mouth with water. Do NOT induce vomiting unless instructed to do so. Give 3-4 glasses of water or milk to dilute stomach contents. Never give anything by mouth to an unconscious person. If symptoms develop and/or persist, obtain medical attention.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see Section 2) and/or Section 11.

Indication of any immediate medical attention and special treatment needed:

No data available.

5 FIRE FIGHTING MEASURES

- Flammability:** Not flammable
- Flash Point:** DNA
- Flash Point Method:** DNA
- Burning Rate:** No data available
- Autoignition Temp:** Not determined
- LEL:** Not determined
- UEL:** Not determined

Extinguishing Media:

Water Spray
Carbon Dioxide
Alcohol-Resistant Foam
Dry Chemical

Special Hazards Arising From the Substance or Mixture:

Carbon Oxides
Hydrocarbon particulate
Formaldehyde (trace)
Silicon Oxides
Sulfur Oxides

Advice for Firefighters:

Firefighters should wear full-face, positive-pressure respirators.

Further Information:

If incinerated, may release toxic fumes.
Use water spray to cool unopened containers.
Do NOT use high volume water jet to extinguish fire, as the force of the water jet may cause fire to spread.

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See Section 7 for more information on safe handling.
See Section 8 for more information on personal protection equipment.
See Section 13 for disposal information.

6**ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment as necessary.
Keep from contacting skin or eyes.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
Remove all sources of ignition.

Environmental precautions:

Prevent further release (leakage/spillage) if safe to do so.
Do not allow product to enter drains.
Do not allow to drain to environment.

Methods and materials for containments and cleaning up:

Ensure adequate ventilation.
Absorb with liquid-binding, non-combustible material (sand, diatomite, universal binders). Do NOT use sawdust.
Place contaminated material into suitable, closed containers for disposal.
Collected waste should then be placed in container for disposal.
Dispose of contaminated material according to Section 13.

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 information on proper disposal.

7**HANDLING AND STORAGE****Handling Precautions:**

Wear protective equipment.
Avoid contact with eyes, skin, or clothing.
Keep containers closed when not in use.
Do not expose containers to open flame, excessive heat, or direct sunlight.
Do not puncture containers.
Keep material out of reach of children.
Handle with care and avoid spillage on the floor (slippage).
Keep material away from incompatible materials.
Wash thoroughly after handling.
Ensure adequate ventilation.

Storage Requirements:

Keep container tightly closed.
Store in a well-ventilated place.
Store at temperatures not exceeding 50.0 °C (122.0 °F).
Do not store in direct sunlight.
Store away from strong acids, strong bases, strong oxidizing agents and Hydrofluoric acid.



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Personal Protective Equip: Eye/face protection:
When using material use safety glasses according to HMIS PP, A. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:
Handle with gloves made from PVC, butyl-rubber or fluorinated-rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.

Body Protection:
Chemically safety glasses are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Respiratory protection:
Full-face dust/vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.

Control of environmental exposure:
Prevent leakage or spillage if safe to do so. Do not let material enter drains.

Components with workplace control parameters:

Component: Cyclotetrasiloxane, octamethyl-
CAS-No: 556-67-2
Manufacturer Occupational Exposure Limit (TWA/OEL): 10 ppm

Biological occupational exposure limits:

Contains no substances with biological occupational exposure limits values.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque, white liquid	Odor:	Odorless
Physical State:	Liquid	Molecular Formula:	MIXTURE
Odor Threshold:	Not determined	Solubility:	Insoluble
Particle Size:	No data available	Softening Point:	Not determined
Spec Grav./Density:	0.965 g/ml (8.06 lbs/gal)	Percent Volatile:	28.56%
Viscosity:	Not determined	Heat Value:	Not determined
Sat. Vap. Conc.:	Not determined	Freezing/Melting Pt.:	Not determined
Boiling Point:	> 100 °C (212 °F)	Flash Point:	DNA
Flammability:	(solid, gas): Not flammable	Octanol:	Not determined
Partition Coefficient:	Not determined	Vapor Density:	(air = 1): Not determined
Vapor Pressure:	(mm Hg @ 20 °C): Not determined	VOC:	218 g/l
pH:	@ 100%: DNA		



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Evap. Rate: (nBuAc = 1): Not determined
Molecular weight: MIXTURE
Decomp Temp: Not determined

Bulk Density: Not determined
Auto-Ignition Temp: Not determined
UFL/LFL: Not determined

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STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: Incompatibilities, flames, ignition sources.
Materials to Avoid: Strong acids, strong bases, strong oxidizing agents and Hydrofluoric acid.
Hazardous Decomposition: Carbon Oxides, Hydrocarbon particulate, Formaldehyde (trace), Silicon Oxides and Sulfur Oxides.
Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

Component(s): Cyclotetrasiloxane, octamethyl-
CAS No(s): 556-67-2

Acute Toxicity:

LD50 Oral - Rat: 2,000 mg/kg
LD50 Dermal - Rabbit: 4,640 mg/kg
LC50 Inhalation - Rat: 36,000 mg/m³ (4 h)

Skin Corrosion/Irritation: Rabbit skin - No skin irritation.

Serious Eye Damage/Eye Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitation: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: Suspected human reproductive toxicant. Oxereposure may cause reproductive disorder(s) based on tests with laboratory animals.

Reproductive Toxicity Inhalation - Rat: Effercs on newborn - Live birth index (# fetuses per litter; measured after birth).

Specific Target Organ Toxicity - Single Exposure: Respiratory system - May cause respiratory irritation in the event of dust inhalation.



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Specific Target Organ Toxicity - Repeated Exposure: No data available.

Aspiration Hazard: No data available.

Additional Information:

Component: Cyclotetrasiloxane, octamethyl-; RTECS: GZ4397000

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ECOLOGICAL INFORMATION

Component(s): Cyclotetrasiloxane, octamethyl-

CAS No(s): 556-67-2

Toxicity:

Toxicity to fish:

LC50 - Leuciscus idus (Golden Orfe): 200 mg/l (96 h)

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water Flea): > 0.015 mg/l (24 h)

Toxicity to algae:

EC50 - Selenastrum capricornutum (Green Algae): > 0.022 mg/l (48 h)

Persistence and Degradability:

No data available.

Bioaccumulative potential:

Bioaccumulation - Pimephales promelas (Fathead Minnow): 0.160 ug/l (28 d)

Bioconcentration Factor (BCF): 12,400

Mobility in Soil:

No data available.

Results of PBT and vPvB assessment:

Not required/conducted.

Other Adverse Effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. May cause long lasting harmful effects to aquatic life. The toxicity of this product applied only to the concentrated, uncured material. When this product is applied as directed by the manufacturer, and allowed to cure, it attributes little to no environmental hazards, either chronic or acute, to the aquatic ecosystem.

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DISPOSAL CONSIDERATIONS

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.



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TRANSPORT INFORMATION

DOT (US)

Non-regulated material, liquid

IMDG

Non-regulated material, liquid

IATA

Non-regulated material, liquid

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Cyclotetrasiloxane, octamethyl- (556672 5-10%) NJHS, PA, SARA311/312, TSCA

REGULATORY KEY DESCRIPTIONS

NJHS = NJ Right-to-Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
SARA311/312 = SARA 311/312 Toxic Chemicals
TSCA = Toxic Substances Control Act

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OTHER INFORMATION

Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that Loon Outdoors, LLC believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of Loon Outdoors, LLC's control, Loon Outdoors, LLC makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

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