



PLUSH DAMPING 3wt & 5wt

Release date: 5 March 2020

Version: 1.0
Revision date: 26 September 2022

1. Identification of the substance / application and the company

Supplier: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product name: Plush Damping Suspension Fluid 3wt & 5wt
Article number: 55-53916, 55-53901, 73.4115.001.050, 97.9773.000.019, 55-54916

Applications: Hydraulic Suspension Oil

Emergency Telephone: In USA: CHEMTREC +1 703 527 3887 (24 hours)
Outside USA: +1 619 449 5000

2. Hazards identification

GHS Classification

Aspiration Toxicity Category 1
Acute Toxicity Category 4

GHS pictogram



Signal word

Danger!

Hazard statements

H304 - May be fatal if swallowed and enters airways.
H332 - Harmful if inhaled.

Precautionary statements

Prevention statements No prevention statements.

Response statements P264 - Wash hands and arms thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P330 - Rinse mouth.
P331 - Do NOT induce vomiting.

Storage statements P405 - Store locked up.

Disposal statements P501 - Dispose of contents and container in accordance with local and national regulations.

Other hazards

No other hazards.

3. Composition/information on ingredients

Components	Content %	CAS Number
Synthetic Base Oils	60-90	Proprietary
Polyalkylacrylate	5-10	Mixture
Zinc dialkyl dithiophosphate	<1	Proprietary

The specific identity and/or exact percentage has been withheld as a trade secret.

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Inhalation	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
Skin contact	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before re-use. If irritation develops, get medical attention.
Eye contact	Flush eyes with water. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.
Ingestion	If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Most important symptoms	May cause mild eye irritation. Prolonged skin contact may cause irritation. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.
Indication of immediate medical attention needed	Immediate medical attention is required if ingested.
Notes to physician	Treat appropriately.

5. Firefighting measures

Suitable extinguishing media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Specific hazards arising from the chemical	This material will burn although it is not easily ignited. Combustion will produce carbon oxides and unidentified organic compounds.
Special protective equipment and precautions for firefighters	Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

6. Accidental release measures

Personal precautions	Wear appropriate protective equipment. Wash thoroughly after handling. See also "Personal protection" section 8.
Environmental hazards	Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/materials for cleaning up	Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal considerations".

7. Handling and storage

Precautions for safe handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use.
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Conditions for safe storage: Store in a cool area away from oxidizing agents. Protect containers from physical damage.

8. Exposure controls/personal protection

Exposure limits	Synthetic Base Oils	5 mg/m ³ - TWA Manufacturer
	Polyalkylacrylate	No limit established.
	Zinc dialkyl dithiophosphate	No limit established.
Appropriate engineering controls	Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive, increased mechanical ventilation such as local exhaust may be required.	
Personal protection		
Respiratory protection:	No respiratory protection needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.	
Eye protection:	Safety glasses or goggles recommended if splashing is possible.	
Skin/body protection:	If there is a potential for skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.	
Hand protection:	Use nitrile or neoprene gloves recommended to prevent skin contact.	

9. Physical and chemical properties

Appearance	Liquid
Color	Amber
Odor	Petroleum odor
Odor threshold:	No data available.
pH	Not applicable.
Freezing point	Not applicable.
Boiling point	220°C (Synthetic Base Oils)
Flash point	>=168°C
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper explosion limit	Not applicable.
Lower explosion limit	Not applicable.
Vapor pressure	<0.01 mmHg @ 100°F
Vapor density (Air=1)	>1
Relative density	0.83-0.84 @ 15.0°C
Solubility	Soluble in hydrocarbons; insoluble in water
Partition coefficient: n-octanol/water	No data available.
Autoignition temperature	No data available.
Decomposition temperature	No data available.
Volatile organic compounds (VOC)	0%
Viscosity	<20.5 cSt @ 40°C



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10. Stability and reactivity

Reactivity	Not expected to be reactive.
Chemical stability	Stable.
Possibility of hazardous reactions:	No possibility of hazardous reactions known.
Conditions to avoid	Avoid temperatures over 120°F, open flames and sparks.
Incompatible materials:	Avoid contact with strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition may produce carbon oxides and unidentified organic compounds.

11. Toxicological information

Potential health hazards

Eye contact:	May cause mild irritation.
Skin contact:	Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis.
Inhalation:	The excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lung damage.
Ingestion:	Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
Chronic effects of overexposure:	No chronic effects of overexposure known.
Sensitization:	None of the components have been shown to cause sensitization in animals or humans.
Mutagenicity:	This product is not expected to cause mutagenic activity.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Carcinogenicity:	None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.
Acute toxicity:	
Synthetic Base Oils	LD50 oral rat - >5000 mg/kg; LC50 inhalation rat - >5.2 mg/L/4 hr; LD50 dermal rat - >2000 mg/kg
Polyalkylacrylate	LD50 oral rat - >5000 mg/kg; LD50 dermal rabbit - >2000 mg/kg
Zinc dialkyl dithiophosphate	LD50 oral rat - >5000 mg/kg; LD50 dermal rabbit - >2000 mg/kg

12. Ecological information

Ecotoxicity

Synthetic Base Oils	96 hr LL50 <i>Oncorhynchus mykiss</i> - >1000 mg/L; 48 hr EL50 <i>Daphnia magna</i> - >1000 mg/L; 72 hr EL50 <i>Scenedesmus capricornutum</i> - 1000 mg/L
Polyalkylacrylate	96 hr LC50 fish - >100-1000 mg/L
Zinc dialkyl dithiophosphate	96 hr LC50 fish - 1-10 mg/L; 48 hr EC50 <i>Daphnia magna</i> - 1-10 mg/L; 72 hr LC50 algae - 10-100 mg/L



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Biodegradation Synthetic base oils are inherently biodegradable.
Bioaccumulation Synthetic base oils are not expected to bioaccumulate.
Mobility in soil No data available.
Other adverse effects: No other adverse effects known.

13. Disposal considerations

Disposal Dispose in accordance with all local, state and federal regulations.

14. Transport information

	UN number	Proper shipping name	Hazard class	Packing group	Environmental hazard
DOT		Proper shipping name not regulated.			
TDG		Proper shipping name not regulated.			
IMDG		Proper shipping name not regulated.			
IATA		Proper shipping name not regulated.			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable - product is transported only in packaged form.

Special precautions: No special precautions known.

15. Regulatory information

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute health.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:

Zinc compounds	Proprietary	<1
Zinc dialkyl dithiophosphate		

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Inventories Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

16. Other information



SAFETY DATA SHEET

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NFPA Rating (NFPA 704):	Health classification:	1	Fire:	1	Instability:	0
HMIS Rating:	Health classification:	1	Fire:	1	Physical hazard:	0

Date of revision: 5 March 2020

Date of previous revision: N/A

Revision history:

5 March 2020: New document. Split PLUSH SDS' based on weights and classification.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.