PLUSH DAMPING 3wt & 5wt

Version: 2.1

Release date: 27 September 2022 Revision date: 07-29-2024

1. Identification of the substance / application and the company

1.1. Product identifier:		
	Trade name:	PLUSH Damping 3wt & 5wt
	Product number:	55-53916, 55-53901, 73.4115.001.050, 97.9773.000.019, 55-54916
1.2. Relevant identified uses of the substance or mixture and uses advised against		
	Product use:	Suspension fluid
	Restrictions on use:	No restrictions on use known.

1.3. Details of the supplier of the safety data sheet

Manufacturer: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA

Emergency telephone number: +1 619 449 5000

E-mail: info@maximausa.com

1.4. Emergency telephone number

Emergency spill information: CHEMTREC +1 703 527 3887 (24 hours)

UFI Number: SSXE-HR89-2AMA-YXRM (3WT)
PR6Q-1CF5-9R07-G835 (5WT)

2. Hazards identification

2.1. Classification of the substance or mixture:

CLP (1272/2008) Classification:
Acute Toxicity - Category 4 - (H332)
Aspiration Toxicity - Category 1 - (H304)

2.2. Label elements
Danger



Hazard statements	Precautionary phrases
H332 - Harmful if inhaled. H304 - May be fatal if swallowed and enters airways.	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. P405 - Store locked up. P501 - Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

2.3. Other hazards: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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The product does not contain any components with known endocrine disrupting properties.

Section 3. Composition/information on ingredients

3.2. Mixture

Chemical Name	CAS#	EINECS#	REACH registration#	CLP Classification	% w/w
Petroleum distillates[L]	64742-54-7	265-157-1	01-2119484627-25-xxxx	Aspiration Toxicity 1 - (H304)	10-80
1-Decene, Dimer, Hydrogenated	68649-11-6	500-228-5	01-2119537268-33-xxxx	Acute Toxicity 4 - (H332) Aspiration Toxicity 1 - (H304)	5-70

Note L. The substance contains less than 3 % DMSO extract as measured by IP 346, and does not need to be classified as a carcinogen.

The exact percentage and composition are being withheld as a trade secret.

Section 4. First-aid measures

4.1. Description of first-aid measures

Eye: Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.

Skin: Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before re-use. If irritation or rash develops, get medical attention.

Inhalation: If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

Ingestion: If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed: Harmful if inhaled. Inhalation of vapors or mist may cause central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness. May cause mild eye irritation. Prolonged skin contact may cause irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.

4.3. Indication of any immediate medical attention and special treatment needed: As a general rule, and in all cases of doubt or when symptoms persist, always seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

5.1. Extinguishing media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

5.2. Special hazards arising from the substance or mixture

Unusual fire and explosion hazards: This material will burn although it is not easily ignited.

Combustion products: Combustion will produce carbon oxides and unidentified organic compounds.

5.3. Advice for firefighters:

Special firefighting procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:
Wear appropriate protective equipment. Wash thoroughly after handling. See also “Personal protection” section 8.

6.2. Environmental precautions:
Avoid release into the environment. Report spill as required by local and national regulations.

6.3. Methods and material for containment and 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”.

6.4. Reference to other sections:
Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

Section 7. Handling and storage

7.1. Precautions for safe handling: Avoid breathing vapors and mists. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use.

7.2. Conditions for safe storage, including any incompatibilities: Store in a cool area away from oxidizing agents. Protect containers from physical damage.

7.3. Specific end use(s): The product is to be used as a suspension fluid. If inhalation of vapors and mists cannot be prevented appropriate personal protective equipment should be used. Prolonged contact with the skin should be prevented due to the risk of skin dryness and cracking.

Section 8. Exposure controls/personal protection

8.1. Control parameters: Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure limits
Petroleum distillates	No limit established.
1-Decene, Dimer, Hydrogenated	5 mg/m3 AGW (DE TRGS 900) (DE)

8.2. Exposure controls:

Appropriate engineering controls: Use with adequate local exhaust ventilation to minimize exposure. Use explosion proof equipment where required.

Respiratory protection: If the exposure is excessive or irritation is experienced, an approved particulate/organic vapor respirator appropriate for the form and concentration of the contaminants

should be used. Selection and use of respiratory equipment must be in accordance with local regulations and good industrial hygiene practice.

Skin protection: Wear impervious gloves in accordance with EN 374 to avoid skin contact. Protective clothing if needed to avoid skin contact and contamination of personal clothing. Suitable washing should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

Eye protection: Wear chemical goggles in accordance with EN 166 to prevent eye contact.

Other protective equipment: No other protective equipment should be needed under normal use conditions. In Europe follow EN 13034.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Amber
Odour	Petroleum odour
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	220°C (Synthetic Base Oils)
Flammability	No data available
Lower and upper explosion limit	No data available
Flash Point	>=168°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	<20.5 cSt @40°C
Solubility	Soluble in hydrocarbons; insoluble in water
Partition Coefficient: n-octanol/water (log value)	No data available
Vapour Pressure	No data available
Density and/or relative density	0.83-0.84 @ 15.0°C
Vapour Pressure	<0.01 mmHg @ 100°F
Relative vapour density	>1
Particle characteristics	No data available

9.2. Other information: No other information available.

Section 10. Stability and reactivity

10.1. Reactivity: Not expected to be reactive.

10.2. Chemical stability: Stable

10.3. Possibility of hazardous reactions: No possibility of hazardous reactions known.

10.4. Conditions to avoid: Avoid temperatures over 50°C, open flames and sparks.

10.5. Incompatible materials: Avoid contact with strong oxidizing agents.

10.6. Hazardous decomposition products: Thermal decomposition may produce carbon oxides and unidentified organic compounds.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity values:
ATE_{mix}: 1.7 mg/L/4 hr (dust/mist)
Petroleum distillates (CAS 64742-54-7): The material is not considered an oral toxicant, a dermal toxicant, and/or an inhalation toxicant.
Synthetic Base Oils: LD50 oral rat - >5000 mg/kg; LC50 inhalation rat - 1.17 mg/L/4 hr (dust/mist); LD50 dermal rat - >3000 mg/kg

Skin corrosion/irritation: The product does not meet the criteria to be classified as a skin irritant.

Eye damage/irritation: The product does not meet the criteria to be classified as an eye irritant.

Respiratory irritation: The product does not contain any components that are respiratory irritants.

Respiratory sensitization: The product does not contain any components that are respiratory sensitizers.

Skin sensitization: The product does not contain any components that are skin sensitizers.

Germ cell mutagenicity: The product does not contain any components that are germ cell mutagens.

Carcinogenicity: None of the components of this product present at 0.1% or greater are listed as carcinogens by IARC, NTP or the EU CLP.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity:

Single exposure: No data available.

Repeated exposure: No data available.

Aspiration hazard: This product meets the criteria of an aspiration hazard as the kinematic viscosity is below 20.5 cSt @ 40°C.

Symptoms and delayed and immediate effects as well as chronic effects from short and long-term exposure:

Eye contact: May cause mild irritation.
Skin contact: Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause non-allergic dermatitis.
Inhalation: Inhalation of vapors or mist may cause central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness.

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Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.

Chronic effects of overexposure: Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

11.2 Information on other hazards:
Endocrine Disrupting Properties:
The product does not contain any components with known endocrine disrupting properties at levels of 0.1% or higher.

Section 12. Ecological information

12.1. Toxicity
Petroleum distillates (CAS 64742-54-7): This material is not expected to be harmful to aquatic organisms. Synthetic Base Oils: 96 hr LL50 *Oncorhynchus mykiss* - >1000 mg/L; 48 hr EL50 *Daphnia magna* - >1000 mg/L; 72 hr EL50 *Scenedesmus capricornutum* - >1000 mg/L

12.2. Persistence and degradability:
Petroleum distillates (CAS 64742-54-7) are not readily biodegradable.
Synthetic base oils are inherently biodegradable.

12.3. Bioaccumulative Potential
Petroleum distillates (CAS 64742-54-7) have a potential for bioaccumulation.
Synthetic base oils are not expected to bioaccumulate.

12.4. Mobility in soil:
The product is not water soluble (floats on water) and may be adsorbed to soil particles.

12.5. Results of PBT and vPvB assessment:
Components are not vPvB or PBT.

12.6 Endocrine Disrupting Properties:
The product does not contain any components with known endocrine disrupting properties at levels of 0.1% or higher.

12.7. Other adverse effects:
No other adverse effects known.

Section 13. Disposal considerations

13.1. Waste treatment methods:
Dispose in accordance with all local and national regulations.

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Section 14. Transport information

	14.1. UN number	14.2. UN proper shipping name	14.3. Hazard class(es):	14.4. Packing group	14.5. Environmental hazards
EU ADR/RID	No UN number.	UN proper shipping name not regulated.	No hazard class.	No packing group.	
IMDG	No UN number.	UN proper shipping name not regulated.	No hazard class.	No packing group.	
IATA/ICAO	No UN number.	UN proper shipping name not regulated.	No hazard class.	No packing group.	

14.6. Special precautions for user: Not applicable.

14.7 Maritime transport in bulk according to IMO instruments: Not applicable - product is transported only in packaged form.

Section 15. Regulatory information

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

This SDS conforms to Regulation (EU) No 1907/2006 and 2020/878.
Label in accordance with Regulation (EC) No 1272/2008 (CLP).

Regulation (EC) No 1907/2006, REACH Article 59(1), Candidate List:
None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:
None present or none present in regulated quantities.

Regulation (EC) No 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use:

Substance	Applicable entry	Compliance with restrictions in Column 2	Applicable evidence
Petroleum distillates CAS No 64742-54-7	Entry 28	Fulfills the restriction	Fulfills Note L[1] (DMSO extract <3%)

For explanation of notes refer to section 16.

15.2 Chemical Safety Assessment:
The supplier has not carried out a chemical safety assessment for the mixture.

Section 16. Other information

Supersedes version dated: 10 May 2023
Date updated: 7/29/2024
Revision summary:

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Version: 2.1

Release date: 27 September 2022 Revision date: 07-29-2024

18 December 2019: New Document Created.

10 May 2023: Revision due to formulation change, and compliance with Regulation (EU) 2020/878, sections: 2, 3, 4, 5, 8, 9, 11, 12 and 15.

29 July 2024: Updated Section 9 with more lab data.

CLP Classification for Reference (See Sections 2 and 3):
Asp Tox 1 - Aspiration Toxicity - Category 1
Acute Tox 4 - Acute Toxicity - Category 4
H304 - May be fatal if swallowed and enters airways.
H332 - Harmful if inhaled.

Notes in section 15
Note 1.
Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 (‘Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method’ Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

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.