



SUSPENSION CLEAN

Released: 2015-07-10

Version: 1.1
Revision Date: 2015-07-10

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: Suspension Cleaner Article Number: 71920 Applications: Suspension Internal Cleaner Emergency Telephone: CHEMTREC +1 703 527 3887 (24 hours)
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2. HAZARDS IDENTIFICATION

GHS Classification

Aerosols	Category 1
Gases Under Pressure	Compressed Gas
Aspiration Toxicity	Category 1
Skin Irritation	Category 2
Toxic to Reproduction	Category 2
Specific Target Organ Toxicity – Single Exposure	Category 3
Specific Target Organ Toxicity - Repeat Exposure	Category 2

GHS Pictogram



Signal Word

Danger!

Hazard Statements

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to central nervous system through prolonged or repeated exposure by inhalation.

Precautionary Statements

Prevention P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, sparks, open flames or hot surfaces. No smoking.



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	P211 Do not spray on an open flame or other ignition source.
	P251 Pressurized container: Do not pierce or burn, even after use.
	P260 Do not breathe mist, vapors or spray
	P264 Wash thoroughly after handling.
	P271 Use only outdoors or in a well-ventilated area.
	P280 Wear protective gloves.
Response	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
	P331 Do NOT induce vomiting.
	P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
	P332 + P313 If skin irritation occurs: Get medical attention.
	P362 + P364 Take off contaminated clothing and wash it before reuse.
	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P312 Call a POISON CENTER or doctor if you feel unwell.
	P308 + P313 IF exposed or concerned: Get medical attention.
Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
	P405 Store locked up.
	P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122 F.
Disposal	P501 Dispose of contents and container in accordance with local and national regulations.
Other Hazards	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Hexane	60-100	110-54-3
Carbon Dioxide	1-5	124-38-9

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

4. FIRST-AID MEASURES

Inhalation	Immediately remove to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, get medical attention. Launder clothing before re-use.
Eye Contact	Flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops or persists.
Ingestion	Unlikely route of exposure with an aerosol container. If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs spontaneously, keep



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	head below hips to prevent aspiration into the lungs. Get immediate medical attention.
Most Important Symptoms	May cause eye irritation. Causes skin irritation. Inhalation of vapors or mist may cause respiratory irritation and central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness. Aspiration hazard: Harmful or fatal if swallowed. Prolonged overexposure may cause nervous system damage. Possible developmental hazard. May adversely affect the developing fetus or cause birth defects based on animal data.
Indication of Immediate Medical Attention Needed	Get immediate medical attention if swallowed.
Notes to Physician	Treat appropriately

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, foam or dry chemical. Water may be ineffective but can be used to cool exposed containers and structures and disperse flammable vapors.
Specific Hazards Arising From The Chemical	Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon and nitrogen oxides.
Special Protective Equipment And Precautions For Fire-Fighters	Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water. Protect against bursting cans.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area. Wear appropriate protective clothing. 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	Collect liquid with an absorbent material and place in a container suitable for flammable waste. Ensure collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with the eyes, skin and clothing. Do not breathe vapors or mists. Wear protective clothing and equipment. Use only with adequate
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ventilation. Wash thoroughly with soap and water after handling. Keep away from heat sources. Contents under pressure. Do not smoke during use. Do not expose to temperatures above 120°F. Do not puncture or incinerate containers.

Conditions for Safe Storage
Aerosol Fire Protection Level

Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Protect from physical damage.

Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Hexane	500 ppm TWA OSHA PEL 50 ppm, skin TWA ACGIH TLV
	Carbon Dioxide	5000 ppm TWA OSHA PEL 5000 ppm TWA, 30,000 STEL ACGIH TLV

Appropriate Engineering Controls General ventilation should be adequate for normal use. If vapor concentrations are excessive, use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Personal Protection

Respiratory Protection: If the exposure limits are exceeded, a NIOSH approved 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 OSHA 1910.134 and good industrial hygiene practice.

Eye Protection: Wear chemical safety glasses or goggles to prevent eye contact.

Skin/Body Protection: 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.

Hand Protection: Wear impervious gloves such as nitrile or Polyvinyl to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Clear, colorless
Odor	Solvent odor
Odor Threshold	21.9 ppm (hexane)
pH	No data available
Freezing Point	-139.63°F (-95.35°C) (hexane)
Boiling Point	155.7°F (67.73°C) (hexane)
Flash Point	43°F (4°C)
Evaporation Rate	No data available
Flammability (solid, gas)	Not applicable



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Upper Explosion Limit	7.5% (hexane)
Lower Explosion Limit	1.1% (hexane)
Vapor Pressure	100 psi @ 70°F
Vapor Density (Air=1)	>1
Relative Density	0.675
Solubility	Negligible in water
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	437°F (225°C) (hexane)
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Keep away from heat, sparks, flames and all other sources of ignition. Dropping containers may cause bursting.
Incompatible Materials	Avoid contact with strong oxidizing agents and acids. May attack some plastics, rubber and coatings.
Hazardous Decomposition Product	Thermal decomposition may produce carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: May cause mild irritation with redness and tearing.

Skin Contact: Causes irritation with redness and drying of the skin. Prolonged contact may cause defatting of the skin and dermatitis.

Inhalation: Inhalation of vapors may cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness, giddiness, intoxication, nausea, vomiting, disorientation, stupor and unconscious.

Ingestion: Ingestion may cause mucous membrane and gastrointestinal irritation and nervous system depression with symptoms of headache, dizziness, nausea, narcosis and unconsciousness. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.



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Chronic Effects of Overexposure: Prolonged occupational overexposure may cause effects on damage to the central and peripheral nervous systems, fatigue, loss of appetite, paresthesia in distal extremities, blurred vision, headache, anorexia, muscular weakness, loss of sensation, and impaired gait.

Sensitization: None of the components have been found to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. In a reproductive inhalation study, female rats were exposure to up to 5000 ppm for 20 hrs a day during days 6-20 of gestation. Maternal and fetal weights were reduced in the 1000 and 5000 ppm dose groups. A significant increase in reduced ossification of sternebrae 1 -4 in the 5000 ppm fetuses, but this was likely due to the fetal growth retardation. NOEC for maternal toxicity is 200 ppm. The NOAEC for developmental toxicity is 200 ppm.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:

Hexane: Oral rat LD50 16,000 mg/kg; Inhalation rat LC50 >73.86 mg/L/4 hr;
Dermal rabbit LD50 3350 mg/kg

Carbon Dioxide: No toxicity data available. Considered a simple asphyxiant.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Hexane: 96 hr LL50 *Oncorhynchus mykiss* 12.51 mg/L, 48 hr EC50 *daphnia magna* 21.85 mg/L; 72 hr EC50 *Pseudokirchnerella subcapitata* 9.285 mg/L

Carbon Dioxide: 96 hr LC50 *Oncorhynchus mykiss* 35 mg/L

Biodegradation

Hexane is readily biodegradable.

Bioaccumulation

Hexane has BCF of 170. This suggests the bioconcentration in aquatic organisms is expected to be high.

Mobility in soil

Hexane is highly mobile in soil.

Other adverse effects:

None known.

13. DISPOSAL CONSIDERATIONS

Disposal

Dispose in accordance with all local, state and federal regulations. Do not puncture or incinerate containers.



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14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	UN1950	Aerosols	2.1		
TDG	UN1950	Aerosols	2.1		
IMDG	UN1950	Aerosols	2.1		
IATA	UN1950	Aerosols	2.1		

Note: This product can be shipped as a limited quantity if the packaging complies.

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: None known.

15. REGULATORY INFORMATION

CERCLA: This product has a Reportable Quantity (RQ) of 5000 lbs. (based on the RQ for Hexane of 5000 lbs). Releases above the RQ must be reported to the National Response Center. 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, Chronic Health, Fire Hazard, Sudden Release of Pressure.

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

Hexane	110-54-3	60-100%
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California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: None

Chemical Inventories

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

16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 2	Fire: 3	Instability: 0
HMIS Rating:	Health: 2*	Fire: 4	Physical Hazard: 0
*Chronic Health Hazard			



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Date of Previous Revision: June 2010

Revision History:

7/10/15: Converted to GHS format. All section revised

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 his own determination of the suitability of the material for his particular purpose.