



## SAFETY DATA SHEET

### SECTION 1: Product and Company Identification

#### Gasoline Extreme

**Product type:** Fuel Additive

**Application:** Cleaning/Maintenance/Performance. Add to any gasoline fuel. Do not ingest.

**Supplier/Manufacturer:** **Lubrication Specialties Inc.**  
3975 Morrow Meadows Drive  
Mount Gilead, OH 43338  
US Phone: (419) 947-2647  
Telefax: (415) 946-3554  
Email: info@lubricationspecialties.com

**Emergency Telephone number:** Within USA and Canada: ChemTel, 24 hrs. +1 (800) 255-3924  
Outside USA and Canada:\* +1 (703) 741-5970  
\*Collect calls accepted 24/7

### SECTION 2: Hazards Identification

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 26 CFR 1940 (OSHA HCS):

Physical, Flammable Liquids, 4  
Health, Skin irritation, 3  
Health, Specific target organ toxicity - Single exposure (Respiratory Tract irritation), 3  
Health, Specific target organ toxicity - Single exposure (Narcotic Effects), 3  
Health, Carcinogenicity, 2  
Health, Aspiration hazard, 1

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H227 - Combustible liquid  
H336 - May cause drowsiness or dizziness  
H335 - May cause respiratory irritation

H351 - Suspected of causing cancer  
H304 - May be fatal if swallowed and enters airways

**GHS Precautionary Statements:**

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from flames and hot surfaces. –No smoking.  
P280 - Wear protective gloves and eye protection.  
P233 + P405 - Store locked up in a tightly closed container.  
P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing fume/mist/vapors/spray.  
P370 + 378 - In case of fire: Use dry chemical to extinguish.  
P403 + 235 - Store in a well-ventilated place. Keep cool.  
P301+312+331 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.  
P304+340 + 312- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if you feel unwell.  
P308+313 - IF exposed or concerned: Get medical advice/attention.  
P501 - Dispose of contents/container in accordance with regional/national regulations.

**SECTION 3: Composition/Information on Ingredients**

<u>Ingredient Name</u>	<u>% (Avg)</u>	<u>CAS Number</u>
Solvent naphtha, petroleum, light aromatic	7-15%	64742-95-6
Monoalkylaryl alkoxyate aminated	7-15%	Trade Secret
1,2,4-Trimethylbenzene	2-5%	95-63-6
1,3,5-Trimethylbenzene	1-3%	108-67-8
n-Propyl benzene	1-3%	103-65-1
Xylene	<2%	1330-20-7
1,2,3-Trimethylbenzene	<2%	526-73-8
Cumene	<2%	98-82-8

ANY CONCENTRATION SHOWN AS A RANGE IS TO PROTECT CONFIDENTIALITY OR IS DUE TO BATCH VARIATION

\* >75% NON-HAZARDOUS MATERIALS

**SECTION 4: First Aid Measures**

**Eyes:** Immediately flush with gentle but large stream of water for 15 min, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops.

**Skin:** Wash affected area with soap and water. If itching or redness develops, seek medical attention. Contaminated clothing should be removed immediately and washed before reuse. Contaminated shoes should be discarded.

**Inhalation:** Move the person to fresh air. If breathing becomes difficult, contact a physician.

**Ingestion:** Do not induce vomiting. If large amounts were swallowed, give water to rinse mouth, give water to drink, and get medical attention if you feel unwell.

**Most important symptoms/effects, Acute and delayed:**

**Skin contact:** No specific data

**Ingestion:** No specific data

**Inhalation:** No specific data

**Eye Contact:** No specific data

## SECTION 5: Firefighting Measures

<b>Flash Point:</b>	>167.7°F (75.4°C)
<b>Extinguishing Media:</b>	Water spray, dry chemical, alcohol foam, or carbon dioxide.
<b>Unsuitable extinguishing media:</b>	Water jet.
<b>Special Protective Equipment for firefighters:</b>	Self-contained breathing apparatus and protective clothing when fighting any chemical fire.
<b>Unusual Fire and Explosion Hazards:</b>	In case of fire, containers may explode from internal pressure. Cool with water. VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Decomposition products may include NO <sub>x</sub> , CO, and CO <sub>2</sub> .
<b>Special protective equipment for fire-fighters:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental Release Measures

<b>Personal Precautions:</b>	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep personnel removed and upwind of spill. Eliminate all ignition sources. Keep unnecessary and unprotected personnel from entering.
<b>Environmental precautions:</b>	P273: Avoid release to the environment Limit leakage with earth or sand. Do not discharge into the drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.
<b>Methods for containment/ Cleaning up:</b>	<p><b>Initial Containment:</b> Approach release from upwind. Eliminate all sources of ignition – heat, sparks, flame, electricity, and impact. Contain spilled material with dikes or absorbents. Do not allow material to enter soil, surface water, or sewer system. Stop the source of the leak, if safe to do so.</p> <p><b>Large Spill:</b> Contain spilled material. Vacuum or sweep up material and place in a disposal container. Absorb residue with inert material (e.g., dry sand or earth,) then place in a chemical waste container. Do not flush to sewer. Use explosion-proof equipment during clean-up.</p> <p><b>Small Spill:</b> Contain spilled material. Absorb with inert material and place in disposal container. Spills are extremely slippery. Clean up immediately.</p> <p><b>Miscellaneous:</b> Note that combustible vapors may form an ignitable mixture with air. Vapors may travel considerable distances from spill and flash back, if ignited. Report spills to local authorities and/or the U.S. coast Guard's National Response Center at (800) 424-8802 as appropriate or required.</p>

## SECTION 7: Handling and Storage

**Handling:**

P262: Do not get in eyes, on skin, or on clothing  
 P264: Wash thoroughly after handling  
 P280: Wear protective gloves/eye protection  
 Handle with care and avoid spillage on the floor (slippage).  
 Do not cut, weld, drill, grind, braze, pressurize or solder container.  
 Keep away from sources of ignition.  
 Ground and bond containers when transferring material.

**Storage:** P402+404: Store in a dry place. Store in a closed container  
 P403+233: Store in a well-ventilated place. Keep container tightly closed. Protect from moisture. Do not store together with acids.  
 Keep out of direct sunlight  
 Keep away from sources of ignition.

**General Hygiene Practices:** Eating drinking and smoking should be prohibited in areas where this material is handled, stored and processed

**Special Packaging Requirements:** None

**Incompatible Materials:** Oxidizing material.

**SECTION 8: Exposure Controls/Personal Protection**

**Occupational exposure limits:**

Under conditions which may generate mists, Observe exposure limits for Oil Mist (NOC):

ACGIH: TWA: 5 mg/m<sup>3</sup> Respirable; STEL 10mg/m<sup>3</sup> Respirable

OSHA: TWA: 5 mg/m<sup>3</sup> Respirable.

NIOSH REL: TWA 10mg/m<sup>3</sup> Respirable.

Ingredient	CAS#	Exposure limits
Light Aromatic Solvent Naphtha (Petroluem)	64742-95-6	OSHA TWA: 500ppm
1,2,4-Trimethylbenzene	95-63-6	ACGIH TWA: 25ppm
Xylene	1330-20-7	OSHA TWA: 100ppm; 435 mg/m <sup>3</sup>
1,2,3- Trimethylbenzene	526-73-8	OSHA TWA: 25ppm
1,3,5-Trimethylbenzene	108-67-8	ACGIH TWA: 25ppm

**Personal Protective Equipment**

**Hands:** Use impervious gloves.  
**Eyes:** Wear safety glasses with side shields.  
**Skin:** Wear protective clothing, wash hands thoroughly after handling.  
**Respiratory:** Respiratory protection is recommended if ventilation is limited.

**Appropriate Engineering Controls:** Good ventilation sufficient to control worker exposure to airborne contaminants

**Environmental exposure Controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation

**Other measures:** Have access to an eye wash station. Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

## SECTION 9: Physical and Chemical Properties

### Appearance

Physical State:	Liquid
Color:	Orange
Odor:	Hydrocarbon-like
Odor threshold:	Not available
pH:	Not available
Melting point:	Not available
Boiling point:	Not available
Flash point:	>167.7°F (75.4°C) [Pensky-Martens Closed Cup].
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Lower and upper explosive (flammable) limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	.937
Solubility:	Not available
Partition coefficient: n-Octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Volatility:	Not available
VOC (w/w):	Not available

## SECTION 10: Stability and reactivity

Reactivity:	No specific test data available.
Chemical Stability:	Stable under normal Conditions.
Conditions to Avoid:	None known.
Incompatible Materials:	Oxidizing material.
Hazardous Decomposition Products:	Products of combustion: NO <sub>x</sub> , CO <sub>x</sub>

## SECTION 11: Toxicological Information

Likely Routes of Exposure: Dermal, eye, inhalation, ingestion

### Acute Toxicity

<u>Ingredient</u>	<u>Result</u>	<u>Species</u>	<u>Dose/ATE</u>	<u>Comments</u>
Monoalkylaryl alkoxyate				
Aminated	LD50 Dermal	Rat	>3000 mg/kg	
1,2,4-Trimethylbenzene	LD50 Inhalation	Rat	18000 mg/m <sup>3</sup> /4h	vapor

	LD50 Oral	Rat	3400-6000 mg/kg	-
	LD50 Dermal	Rabbit	3160 mg/kg	-
Light aromatic solvent Naphtha (petroleum)	LD50 Dermal	Rabbit	>3160 mg/kg	
	LD50 Oral	Rat	3492 mg/kg	
	LC50 Inhalation	Rat	6193 mg/m <sup>3</sup> /4h	Vapor
Xylene	LC50 Inhalation	Rat	5000 ppm/4h	Gas
	LD50 Dermal	Rabbit	>1700 mg/kg	
	LD50 Oral	Rat	4300 mg/kg	
n-Propylbenzene	LD50 Oral	Rat	6040 mg/kg	-
1,3,5 Trimethylbenzene	LC50 Inhalation	Rat	24000 mg/m <sup>3</sup> /4hrs	Vapor
	LD50 Oral	Rat	5000mg/kg	

**Sensitization:** None known.  
**Germ Cell Mutagenicity:** None known.  
**Carcinogenicity:** Cumene, IARC 2B  
**Reproductive toxicity:** None known.  
**Specific target organ systemic toxicity (repeated exposure):** None known.

## SECTION 12: Ecological Information

### Ecotoxicity

#### *1,2,4-Trimethylbenzene*

LC50 4910 ug/l Marine water Crustaceans-Elasmopus pectenicrus 48 hrs  
 LC50 22.4 mg/l Fresh water Fish – Tilapia zillii 96hrs

#### *1,3,5-Trimethylbenzene*

LC50 12520-15050 ug/l Fresh water fish-Carassius auratus 96 hrs  
 Chronic NOEC 400 ug/l Fresh water Daphnia-Daphnia magna 21days

#### *Xylene*

LC50 8500 ug/l Marine water Crustaceans-Palaemonetes Pugio 48hrs  
 LC50 13400 ug/l Fresh water Fish-Pimephales promelas 96hr

Avoid exposing to the environment.

**Chronic hazards to Aquatic Environment:** No specific data available  
**Persistence and Degradability:** No specific data available  
**Mobility in Soil:** No specific data available  
**PBT/VPvB Assessment:** No specific data available  
**Other Adverse Effects:** No specific data available  
**Additional ecological information:** Information given is based on data on the ingredients and the ecotoxicology of similar products.

## SECTION 13: Disposal Considerations

**Disposal methods:** Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority. Waste should not be disposed of untreated into the sewer. Empty containers may retain some product residues.

## SECTION 14: Transportation Information

NA1993, Combustible liquid, n.o.s (Contains Petroleum Naphtha, 1,2,4 Trimethylbenzene), Comb Liq, PGIII.

Not regulated by US DOT in containers less than 119 gallons.

IMDG & IATA: Not Regulated

## SECTION 15: Regulatory Information

### US federal regulations

Use as animal feed is prohibited. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All known components are on the U.S. EPA TSCA Inventory List.



**WARNING** This product can expose you to chemicals including Cumene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16: Other Information

Date of Issue: 07/07/2021

Date of Previous Issue: 4/06/2021

Version: 3

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness and is provided "AS IS". It is the user's responsibility to satisfy him/herself as to the suitability of such information for his/her own particular use.