



4243 Gatecrest, Suite 103,  
San Antonio TX 78217  
(210) 368-9248

Safety Data Sheet - according to: 1907/2006 EC (REACH), 1272/2008/EC (CLP), GHS ST/SG/AC.10/30/Rev6

## Section 1 - Identification

Product Identifier: Fuel Injector Cleaner

Supplier: MAXX Solutions

Supplier Phone: 210-368-9248

Supplier Address: 4243 Gatecrest, Suite 103,  
San Antonio TX 78217

Emergency Phone & Hours: 210-688-4966 24 hrs, 7 days/week

Intended Use Industrial Solvent Cleaner

Uses To Avoid Applications subject to formation of mist in air within explosive ranges - see Section 9.

## Section 2 - Hazard Identification

Signal Word: DANGER

Other than flammability, no specific data exists for this mixture. Hazard classifications are calculated based on component information, according to GHS protocols for the relevant hazard.

Hazard Classifications:

Substance Or Mixture Mixture

Flammable Liquid (Category 2), Eye damage/irritation (Category 2A), Carcinogenicity (Category 2), Skin Corrosion/Irritation (Category 2),

### Hazard Statements based on component information:

**HAZARDS:** Highly flammable liquid and vapor. Eye contact causes serious eye irritation. Suspected of causing cancer. Skin contact causes skin irritation.

### Precautions:

Do not handle until all safety instructions are understood. Avoid breathing fumes or mist. Avoid skin contact. Wear protective clothing, gloves, and eye protection before handling. Use only with adequate ventilation.

PICTOGRAMS:



**Other Hazards Not Resulting In Classification:** May be hazardous to soil dwelling organisms.

**Summary:** Read entire SDS prior to use. Observe all precautions. Use engineering controls to minimize human exposure to workplace chemicals.



### Section 3 - Composition / Information on Ingredients

Component	CAS Number	% Range
ALIPHATIC NAPHTHA	64475-85-0	60 - 100
MIXED XYLENES	MIXTURE	15 - 40
4-METHYL-2-PENTANONE	108-10-1	5 - 15
AROMATIC HYDROCARBON POLYMER MIXTURE	MIXTURE	1 - 5

Exact percentages and component identities are being withheld as trade secrets. Occupational Exposure Levels, Toxicity, and Ecological information on components is shown in Sections 8, 11, and 12 below. Users should read and understand the entire SDS. More specific information on components will be released to medical professionals in case of emergency.

### Section 4 - First Aid Measures:

First responders should wear clothing appropriate for industrial exposure in accordance with local codes. At a minimum, all exposed skin should be covered, and latex gloves and eye protection meeting ANSI Z87 or CSA Z94.3 should be worn. First responders should avoid contact with spilled material. Spills of this material present a slip hazard. If smoke, fumes, or airborne mist is present, first responders should use organics respirator or self contained breathing apparatus.

**IF SWALLOWED: Do not induce vomiting. Rinse mouth. Get immediate medical attention.**

**IF INHALED: Remove affected person to fresh air and make comfortable for breathing. Get immediate medical attention.**

**IF IN EYES: Remove contact lenses and rinse eyes with cool water. Get immediate medical attention.**

**IF ON SKIN: Remove all contaminated clothing. Wash exposed skin/hair with soap and water.**

**IF ON CLOTHES: Do not allow skin contact with contaminated clothing. Remove contaminated clothing and wash before re-use.**

**IF EXPOSED: Contact physician if you feel unwell.**

**Most Important Symptoms** ACUTE: Respiratory effects, vision effects. DELAYED: Dermatological effects.

**Indication of Immediate Medical Attention** Difficulty breathing, dizziness, extreme drowsiness, eye irritation, loss of vision, skin rash.

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### Section 5 - Fire Fighting Measures:

Flash Point	<23C
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#### Hazardous Decomposition Products

Byproducts of combustion include carbon dioxide, carbon monoxide, oxides of sulfur, oxides of nitrogen, and heavy, acrid smoke.

#### Appropriate Extinguishing Media

Avoid spraying water jet on burning hydrocarbon liquids as this may spread the fire. Use dry chemical or foam extinguishing media.

#### Specific Fire Hazards

Fire fighters must be protected from smoke with self contained breathing apparatus. Heavy smoke may obscure vision. Smoke may contain oxides of carbon, nitrogen, sulfur, and chlorine.

#### Special Protective Actions

Use water spray to cool exposed containers.

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### Section 6- Accidental Release Measures:

#### Personal Precautions

Spills present a slip hazard. Extinguish/disconnect possible sources of ignition near spill. Ensure adequate ventilation of fumes from affected area. Remove unnecessary personnel from area around spill. Prior to cleaning up, don protective gear including chemical and hydrocarbon resistant outer layer, latex or rubber gloves, rubber boots, and eye protection. Emergency responders should wear chemical and hydrocarbon resistant gear.

#### Environmental Precautions

Small spills may be wiped up with rags. For spills >10 litres- if possible to safely do so, contain the spilled material using diatomaceous earth and/or absorbent pads. Dike drains and prevent material from entering sewers, ditches, drains, or water courses. Place absorbed material into sealed storage containers and consult an environmental expert for proper disposal measures. Immediately report any discharges that escape containment to the local environmental authority or fire department.

#### Methods for Cleaning Up

Absorption with diatomaceous earth and/or absorbent pads is best. Do not use vacuum. Do not wash hydrocarbon or chemical spills away into sewers or drains. Use proper disposal methods for spent absorbents and contaminated rags or clothing.

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### Section 7- Storage and Handling:

#### Precautions for Handling

Read and understand entire Safety Data Sheet prior to handling. Wear all appropriate protective gear prior to handling. Do not allow untrained personnel to handle this product. Handle with care to avoid spillage.

#### Methods for Safe Storage

Store only in original containers. Store containers indoors away from heat and flames. Store in secure location with good ventilation. Keep container sealed when not transferring product. Protect from rain and extreme cold. Avoid storage of hydrocarbons near strong mineral acids or materials marked 'Oxidizer'.

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**Section 8- Exposure Controls/Personal Protection:**

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**Control Parameters**

No exposure limits are established for this mixture. Users should use lowest exposure value shown for components in this section.

**Component Information - Occupational Exposure Limits:**

ALIPHATIC NAPHTHA	TWA 25ppm
MIXED XYLENES	Xylene ANESL 42 ppb; Ethylbenzene AN ESL 570 mg/m3; Toluene TWA 20 ppm
4-METHYL-2-PENTANONE	TWA: 50 STEL: 75 CEIL: 125 (ppm) from ACGIH (TLV) [1995] TWA: 205 STEL: 300 CEIL: 510 (mg/m3) from ACGIH
AROMATIC HYDROCARBON POLYMER	PEL OSHA TWA 8 HRS 100 PPM

**Personal Protective Gear**

Eye/Face Protection: ANSI Z87.1-1989 ; Gloves: Latex or Neoprene; Workers should wear safety glasses, gloves, long sleeves, long pants, hair covering, and oil resistant shoes, when handling this product.

**Engineering Controls**

Engineering controls should ensure adequate ventilation to keep airborne concentrations below threshold values shown above. Pumps and handling equipment should be designed to reduce human exposure potentials to liquids being transferred from containers into closed systems.

**Section 9- Physical Properties**

<b>Appearance</b>	Clear to Hazy Liquid	<b>Upper Explosive Limit</b>	5.4
<b>Odor</b>	Low Indescript	<b>Lower Explosive Limit</b>	0.7
<b>Odor Threshold</b>	No Data Available	<b>Vapour Pressure</b>	0.8mm Hg 20C
<b>pH</b>	N/A oil based	<b>Vapour Density</b>	>1 (air=1)
<b>Melting Point</b>	Liquid under intended use conditions	<b>Relative Density</b>	0.75 kg/l 60C
<b>Freezing Point</b>	0 to -20	<b>Solubility</b>	Hydrocarbons, Alcohols
<b>Initial Boiling Point</b>	No Data Available	<b>Partition Coefficient</b>	Log KOW > 4 (mineral oil data)
<b>Boiling Range</b>	313C - 432C	<b>Auto Ignition Temp</b>	Not Determined
<b>Flash Point</b>	<23C	<b>Decomposition Temp</b>	Not Determined
<b>Evaporation Rate</b>	<1 (n-butyl acetate =1)	<b>Viscosity cSt 40C</b>	<14.5 cSt 40C



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### Section 10- Physical Properties:

<b>Reactivity</b>	May react violently if combined with strong oxidizers and heat.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Keep away from fire, sparks, and other sources of ignition.
<b>Possibly Hazardous Reactions</b>	None known.
<b>Incompatible Materials</b>	Strong acids and materials marked 'Oxidizer'.
<b>Hazardous Decomposition Products</b>	Byproducts of combustion include carbon dioxide, carbon monoxide, oxides of sulfur, oxides of nitrogen, and heavy, acrid smoke.

### Section 11- Toxicological Information:

#### Symptoms of Exposure:

<b>Likely Routes of Exposure</b>	Dermal exposure from handling. Intended use may include hand wiping or handling parts having product residues on them. Inhalation exposure to fumes is possible if used without adequate ventilation.
<b>Ingestion</b>	Ingestion of minimal amounts, e.g. failure to wash hands before eating/smoking, is unlikely to cause symptoms. Swallowing of liquid product may cause vomiting and nausea.
<b>Inhalation</b>	No symptoms are expected under intended use conditions. Exposure to concentrated fumes may cause transient hypoxia.
<b>Dermal/Eye</b>	Dermal exposure results in defatting and localized irritation. Eye exposure causes transient stinging and blurred vision.
<b>Immediate or Delayed Effects</b>	Immediate: Hypoxia symptoms from inhalation of concentrated solvent vapors. Delayed: None Known.
<b>Interactive Effects</b>	None Known

Numerical Measures of Toxicity - components (all LD/LC/EC 50 values shown below are based on animal or fish data) at max range value section 3.

**Acute Oral Toxicity:** ALIPHATIC NAPHTHA: Non Hazardous; MIXED XYLENES: LD50 4,300 mg/Kg; 4-METHYL-2-PENTANONE: LD50 1600 mg/Kg; AROMATIC HYDROCARBON POLYMER MIXTURE: Non Hazardous

**Acute Skin Toxicity:** ALIPHATIC NAPHTHA: Non Hazardous; MIXED XYLENES: LD50 14,100 mg/Kg; 4-METHYL-2-PENTANONE: LD50 LD50: 20001 mg/kg mg/Kg; AROMATIC HYDROCARBON POLYMER MIXTURE: Non Hazardous

**Acute Toxicity Inhalation** ALIPHATIC NAPHTHA: Non Hazardous; MIXED XYLENES: LD50 4,550 mg/Kg; 4-METHYL-2-PENTANONE: LD50 LC50: 8000 ppm 4 hours (Rat) mg/Kg; AROMATIC HYDROCARBON POLYMER MIXTURE: Non Hazardous



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### Section 11- Toxicological Information: (continued)

**Skin Corrosion:** ALIPHATIC NAPHTHA: Non Irritating; MIXED XYLENES: Cat 2 Irritant; 4-METHYL-2-PENTANONE: Non Irritating; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 2 Irritant

**Eye Corrosion:** ALIPHATIC NAPHTHA: Cat 2A Serious Irritation; MIXED XYLENES: Cat 2A Serious Irritation; 4-METHYL-2-PENTANONE: Cat 2A Serious Irritation; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 2A Serious Irritation

**Respiratory Sensitization:** ALIPHATIC NAPHTHA: Non Sensitizing; MIXED XYLENES: Non Sensitizing; 4-METHYL-2-PENTANONE: No Data Available; AROMATIC HYDROCARBON POLYMER MIXTURE: Non Sensitizing

**Skin Sensitization:** ALIPHATIC NAPHTHA: Non Sensitizing; MIXED XYLENES: Non Sensitizing; 4-METHYL-2-PENTANONE: No Data Available; AROMATIC HYDROCARBON POLYMER MIXTURE: Non Sensitizing

**Germ Cell Mutagenicity:** ALIPHATIC NAPHTHA: No Data Available; MIXED XYLENES: No Hazard; 4-METHYL-2-PENTANONE: No Data Available; AROMATIC HYDROCARBON POLYMER MIXTURE: No Hazard

**Carcinogen:** ALIPHATIC NAPHTHA: No Hazard; MIXED XYLENES: Cat 1B Presumed Human Effects; 4-METHYL-2-PENTANONE: No Data Available; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 1B Presumed Human Effects

**Reproductive Effects:** ALIPHATIC NAPHTHA: No Hazard; MIXED XYLENES: Cat 1B Reproductive Toxicant; 4-METHYL-2-PENTANONE: No Data Available; AROMATIC HYDROCARBON POLYMER MIXTURE: No Hazard

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### Section 11- Toxicological Information: (continued)

**Target Organ 1 Exposure:** ALIPHATIC NAPHTHA: No Hazard; MIXED XYLENES: No Hazard; 4-METHYL-2-PENTANONE: Cat 3 Transient Toxicant - CNS, Liver, Kidneys; AROMATIC HYDROCARBON POLYMER MIXTURE: No Hazard

**Target Organ Multiple Exposure:** ALIPHATIC NAPHTHA: No Hazard; MIXED XYLENES: No Hazard; 4-METHYL-2-PENTANONE: No Hazard; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 2 Toxicant- CNS, Liver, Kidneys (animal data)

**Aspiration Hazard:** ALIPHATIC NAPHTHA: No Hazard; MIXED XYLENES: No Hazard; 4-METHYL-2-PENTANONE: No Hazard; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 1 Aspiration Hazard

**Other Information** Avoid application by mist and concentration of solvent mists in air, which are potentially explosive.

### Section 12- Ecological Information:

- Ecological Summary** Mineral oil/solvent blends and solvents have varying degrees of toxicity and degradability. Specific information on components is shown below.
- Bioaccumulation** Mineral oil/solvent blends and solvents have low bioaccumulation potential. Specific information on components is shown below.
- Persistence & Degradability** Mineral oil/solvent blends and solvents are inherently biodegradable. OECD Values range from 25% to 60% in 28 days.
- Waste Treatment Effects** Product residues are not expected to enter publicly operated treatment works. No negative effects of this mixture are known.
- Soil Mobility** Mineral oil/solvent blends and solvents will partition rapidly to air, are expected to have low soil mobility potential.
- Other Adverse Effects** None Known

#### Toxicity to aquatic organisms, component information:

**Aquatic Toxicity, Acute:** ALIPHATIC NAPHTHA: No Data Available; MIXED XYLENES: Non Toxic; 4-METHYL-2-PENTANONE: Non Toxic; AROMATIC HYDROCARBON POLYMER MIXTURE: L(E)C5011-100mg/l



**Aquatic Toxicity, Long Term:** ALIPHATIC NAPHTHA: No Data Available; MIXED XYLENES: No Chronic Aquatic Toxicity; 4-METHYL-2-PENTANONE: No Chronic Aquatic Toxicity; AROMATIC HYDROCARBON POLYMER MIXTURE: Cat 3 Chronic Aquatic Effects

**Ozone:** This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by 40 CFR 82, Subpt. A, App.A + 8.

**Section 13- Disposal Considerations:**

**Disposal Containers & Methods** Unused material is not a RCRA hazardous waste. Mixture with other wastes may cause classification as hazardous waste. Users must determine compliance with local, state, and federal regulations for proper classification and disposal of used oils and mixtures thereof. Suitable containers include steel and polyethylene drums and totes, for containment of used oil. Secondary containment is advised. Containers should be kept sealed and protected from rain and exposure.

**Physical Chemical Properties Affecting Disposal** Changes in physical and chemical properties during use, such as contamination with lead, zinc, or other metals, may affect classification for disposal. Used oils should be tested to determine metals content and applicable local, state, and federal regulations governing disposal of such fluids.

**Improper Disposal** Discharging of oily wastes into any sewer, watercourse, or unregulated drain is discouraged as improper and may result in fines, penalties, cleanup costs, and criminal liabilities for responsible parties.

**Precautions for Landfill** Oily liquid should not be disposed in a landfill. Disposal of oily absorbents, rags, or other items into a landfill should only be done with proper permission from local, state, and federal authorities.

**Section 14- Transport Information:**

**US DOT 49 CFR Parts 171-180:**

**Proper Shipping Name** Flammable liquid UN1993, (petroleum naphtha) **UN/ID/NA Number:** 1993  
**Transport Hazard Class** 3 **Packing Group** III **Labels:** 3 **ERGCode** 128  
**Marine Pollutant:** No

**IATA-DGR**

**IATA Proper Shipping Name** Flammable liquid UN1993, (petroleum naphtha) **UN/ID Number** 1993  
**IATA Class** 3 **IATA Packing Group:** III **IATA Labels** 3

**IMDG-CODE**

**IMDG Proper Shipping Name** Flammable liquid UN1993, (petroleum naphtha)  
**IMDG UN/ID Number** 1993 **IMDG Shipping Class** 3 **IMDG Packing Group** III  
**IMDG Labels** 3 **IMDG Marine Pollutant:** No

**MARPOL 73/78 Annex II**

**MARPOL** Not available for sale in bulk marine shipments

**Special Precautions** None





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**Section 15- Regulatory Information:**

**NOTE:** Information provided in this section reflects the best available information from suppliers of components used to manufacture this mixture, as of the date of this revision shown below.

**OSHA 1910.1200 Hazardous Chemical:** Hazards are classified as reported in Section 2 above.

**SARA 302 EHS** No Known Hazard or Not Listed

**SARA 311/312** Acute No      Chronic No      Fire Yes      Pressure No      Reactivity No

**SARA 313 EHS** No Known Hazard or Not Listed

**TSCA Status:** All Components are properly registered

**US State Lists & Regulations:**

**CA Prop 65** WARNING: This product contains a chemical known to the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Cumene, Ethylbenzene, Naphthalene

**US State Right To Know Information:**

**IL RTK:** No Known Hazard or Not Listed

**MA RTK:** Stoddard solvent; Naphtha; hydrodesulfurized heavy; Ethylmethylbenzene; xylene Ethylbenzene, CAS 100-41-1; Xylene, CAS 1330-20-7;

**MN RTK:** No Known Hazard or Not Listed

**NJ RTK:** Ethylbenzene, CAS 100-41-1; Xylene, CAS 1330-20-7;

**NY RTK:** Ethylbenzene, CAS 100-41-1; Xylene, CAS 1330-20-7;

**PA RTK:** Ethylbenzene, CAS 100-41-1; Xylene, CAS 1330-20-7;

**RI RTK:** No Known Hazard or Not Listed

**Safe Drinking Water Act:** No Known Hazard or Not Listed

**Canada WHMIS** B-1, D-2A B-2  
Hazard Class:

**International Chemical Inventory Status:**

Australia AICS	Japan ENCS	Korea ECL	Canada DSL
China IECSC	Europe EINECS	Phillipines PICCS	Canada NDSL
	Europe ELINCS		New Zealand Inv

**REACH :** All components are included in the REACH registry.

**Other Regulations**



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### Section 16- Other Information:

**Revision Date** 6/13/2019

**Reasons For Revision** New Information From Supplier GHS

**Sec 16 Other Info** This Safety Data Sheet was prepared in good faith from the most recent information available, in accordance with ST/SG/AC.10/30/Rev.6. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.