



MOTION PRO, INC.
3171 Swetzer Road
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www.motionpro.com

MSDS

MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet for Motion Pro Fuel Injector Cleaner Part# 15-0004

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME: **MOTION PRO FUEL INJECTOR CLEANER #15-0004**
MANUFACTURER'S NAME: Chicago Aerosol - Bridgeview Facility
ADDRESS: 8407 S. 77th Avenue, Bridgeview, IL 60455
REVISION DATE: September 3, 2019
PRODUCT USE: Fuel injector cleaner

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Flammable aerosol	2
Gas under pressure	Dissolved gas
Acute Toxicity - Dermal	4
Acute Toxicity - Inhalation	4
Skin Corrosion/Irritation	2
Eye Damage/Irritation	2
Aspiration hazard	2

SIGNAL WORD: Warning

Hazard Statements

Flammable aerosol
Contains gas under pressure; may explode if heated
May be harmful if swallowed and enters airways
Harmful in contact with skin
Causes skin irritation
Harmful if inhaled

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking
Do not spray on an open flame or other ignition source.
Pressurized container – Do not pierce or burn, even after use
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash hands thoroughly after handling
Use only outdoors or in a well-ventilated area
Wear protective gloves/protective clothing/eye protection/face protection
Call a POISON CENTER or doctor/physician if you feel unwell
Do NOT induce vomiting
Take off contaminated clothing and wash before reuse
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
IF ON SKIN: Wash with soap and water
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
If skin irritation occurs: Get medical advice/attention
If eye irritation persists: Get medical advice/attention
Store locked up
Protect from sunlight. Store in a well ventilated place
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F



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Dispose of contents/container to comply with all local, state, and federal regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percent
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0	42.60
AROMATIC PETROLEUM DISTILLATE	64742-95-6	20.90
2-BUTOXYETHANOL	111-76-2	9.90
1,2,4-TRIMETHYLBENZENE	95-63-6	4.70
PETROLEUM DISTILLATE	64742-47-8	3.50
OLEIC ACID	112-80-1	3.00
MORPHOLINE	110-91-8	3.00
CUMENE	98-82-8	0.47
ETHYLBENZENE	100-41-4	0.12

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

EYE CONTACT: Wash immediately with large volumes of fresh water for at least 15 minutes . Get medical attention.

SKIN CONTACT: Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

INGESTION: Not a likely route of exposure.

Most important symptoms/effects, acute and delayed: Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed: None known.

5. FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media: Foam, Alcohol foam, CO₂, Dry chemical, Water fog. Water spray may be ineffective.

Specific hazards arising from the chemical: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes

Special equipment and precautions for fire-fighters: Water may be used to cool containers to prevent pressure buildup and explosion when exposed to extreme heat. Wear goggles and use self-contained breathing apparatus . If water is used, fog nozzles are preferred.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

Methods and materials for containment and cleaning up: Clean up with absorbent material and place in closed containers for disposal.



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7. HANDLING AND STORAGE

Precautions for safe handling: Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

Conditions for safe storage, including any incompatibilities: Store and use in cool, dry, well-ventilated areas. Do not store above 120 F.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	TWA: 500 ppm; PEL-CEILING: not determined	TLV-TWA: 400 ppm TLV-STEL: 500 ppm	
AROMATIC PETROLEUM DISTILLATE 64742-95-6	Not established	Not established	
2-BUTOXYETHANOL 111-76-2	PEL-TWA: 50 ppm; PEL-Ceiling: Not determined	TLV-TWA: 20 ppm; TLV-STEL: Not determined	
1,2,4-TRIMETHYLBENZENE 95-63-6	PEL-TWA: 25 ppm	TLV-TWA 25 ppm; TLV STEL N.D.	
PETROLEUM DISTILLATE 64742- 47-8	Not established	Not established	
OLEIC ACID 112-80-1	Not established	Not established	
MORPHOLINE 110-91-8	PEL-TWA: 20 ppm, 8 hrs Absorbed through skin	TLV-TWA: 20 ppm, 8 hrs Absorbed through skin	
CUMENE 98-82-8	PEL-TWA: Not determined	TLV-TWA 50 ppm; TLV STEL Not determined	
ETHYLBENZENE 100-41-4	TWA: 100 ppm, 8 hour	TWA: 100 ppm, 8 hour STEL: 125 ppm, 8 hour	

Appropriate engineering controls: Ventilation should be sufficient to prevent inhalation of any vapors . General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of most hazardous ingredient below acceptable limit and lel below stated limit.

Individual protection measures:

Respiratory protection: None under normal use. Avoid breathing vapors. In restricted areas , use approved chemical/mechanical filters designed to remove a combination or particles and vapor. In confined areas, use an approved air-line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits .



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Protective gloves: None under normal use. Use solvent-resistant for prolonged or repeated contact.

Eye protection: None under normal use. However, use of safety glasses with splash guards or full face shield should be used if indicated.

Other protective clothing or equipment: None under normal use. However, use of solvent-resistant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance: Aerosol product</p> <p>Vapor Pressure: Not determined</p> <p>Vapor Density: Heavier than air</p> <p>Density: Not determined</p> <p>Freezing point: Not determined</p> <p>Boiling point: Not determined</p> <p>Evaporation rate: Slower than ether</p> <p>Explosive Limits: Not applicable</p> <p>Decomposition temperature: Not determined</p> <p>Partition coefficient (n-octanol/water): Not determined</p>	<p>Odor: Solvent</p> <p>Odor threshold: Not determined</p> <p>pH: Not applicable</p> <p>Melting point: Not determined</p> <p>Solubility: Not determined</p> <p>Flash point: Not determined</p> <p>Flammability: Level 3 Aerosol</p> <p>Autoignition temperature: Not determined</p> <p>Viscosity: Not determined</p>
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10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: None known.

Incompatible materials:

No data available.

Hazardous decomposition products:

No data available.

11. TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

12. ECOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this document for hazard cautionary information.

14. TRANSPORT INFORMATION

By land: DOT Proper Shipping Name: None required per 49 CFR 173.306(i) for products that conform to the Limited Quantity provisions. Commodity shipping description: Cleaning Compound, NOI

By water: DOT & IMDG Proper Shipping Name: UN1950, Aerosols, 2.1, LTD QTY

By air: DOT & IATA Proper Shipping Name: UN1950, Aerosols, flammable, 2.1, LTD QTY (packing instruction Y203 applies)



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15. REGULATORY INFORMATION

All ingredients are either listed on the TSCA inventory or are exempt .

This product can expose you to chemicals including those listed below, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

NAPHTHALENE 91-20-3 Carcinogen
ETHYLBENZENE 100-41-4 Carcinogen
CUMENE 98-82-8 Carcinogen

16. OTHER INFORMATION

Date revised: 2019-09-03

Revision 0

Date Printed: 2019-09-03

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