



Material Safety Data Sheet

Injector Treatment IX-40

Section 1. Chemical Product and Company Identification

Common name : **Injector Treatment IX-40**

Supplier : Dr.DETROIT Inc.
1540, De Coulomb,
Boucherville QC
Canada J4B 8A3
Tel: (514) 237-7199
Fax: +1-(450)449-9174

Manufacturer : LUBRI-LAB Inc.
1540, De Coulomb,
Boucherville QC
Canada J4B 8A3
Tel: +1-(450) 449-1626
Fax: +1-(450)449-9174

Synonym : Not available.

Validation date : **2014-03-02.**

Trade Name : IX-40

Print date : 2014-03-02.

Material Uses : Fuel Conditioner.

In case of emergency : Canutec (613) 996-6666

Section 2. Composition, Information on Ingredients

Name	CAS #	% by weight	UN Number
Solvent naphtha (petroleum), medium aliph.	64742-88-7	70 - 100	UN1223

See Section 8 for Exposure Limits.

See Section 11 for Toxicological Data.

See Section 14. for Transport Information.

Section 3. Hazards Identification

Physical State and Appearance : Liquid. (Clear.)

Emergency Overview : WARNING!
COMBUSTIBLE LIQUID.
Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Aspiration hazard if swallowed- can enter lungs and cause damage. If ingested do not induce vomiting. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of Entry : Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes : Hazardous in case of eye contact (irritant).

Skin : Slightly hazardous in case of skin contact (irritant). Non-sensitizer for skin.

Inhalation : Not available.

Ingestion : Not available.

Potential Chronic Health Effects : CARCINOGENIC EFFECTS: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure : Repeated or prolonged exposure is not known to aggravate medical condition.

Over-exposure signs/symptoms : Not available.

See Toxicological Information (Section 11)

Continued on next page

Section 4. First Aid Measures

- Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention
- Skin Contact** : In case of contact, immediately flush skin with plenty of water. Get medical attention. If high pressure forces the product under the skin get immediate medical attention.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to Physician** : Not available.

Section 5. Fire Fighting Measures

- Flammability of the product** : Flammable.
- Auto-ignition Temperature** : The lowest known value is 229°C (444.2°F) (Solvent naphtha (petroleum), medium aliph.).
- Flash Points** : Closed cup: 43°C (109.4°F). (Pensky-Martens.)
- Flammable limits** : The greatest known range is Lower: 1% Upper: 6% (Solvent naphtha (petroleum), medium aliph.)
- Products of Combustion** : Carbon oxides (CO, CO₂) and water.
- Fire hazards in presence of various substances** : Slightly flammable to flammable in presence of open flames, sparks and static discharge. Non-flammable in presence of heat.
- Explosion hazards in presence of various substances** : Risks of explosion of the product in presence of mechanical impact: Not applicable. Risks of explosion of the product in presence of static discharge: Not applicable.
- Fire Fighting Media and Instructions** : SMALL FIRE: Use dry chemical powder.
LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
- Protective clothing (fire)** : Be sure to use an approved/certified respirator or equivalent.
- Special remarks on fire hazards** : Not available.

Section 6. Accidental Release Measures

- Small spill and leak** : Absorb with an inert material and put the spilled material in an appropriate waste disposal.
- Large Spill and Leak** : Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

Section 7. Handling and Storage

- Handling** : Avoid breathing vapors of this product.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection

- Eyes** : Splash goggles.
- Body** : Not applicable.
- Respiratory** : Wear appropriate respirator when ventilation is inadequate.
- Hands** : Gloves.
- Feet** : Not applicable.

Protective Clothing
(Pictograms)



Personal Protection in Case of a Large Spill : Splash goggles. Impervious gloves.

Exposure Limits

No hazardous ingredient.

[Consult local authorities for acceptable exposure limits.](#)

Section 9. Physical and Chemical Properties

Physical State and appearance	: Liquid. (Clear.)
Color	: Ochre.
Odor	: Ammoniacal.
Molecular Weight	: Not applicable.
Molecular Formula	: Not applicable.
pH (1% Soln/Water)	: Not applicable.
Boiling/condensation point	: The lowest known value is >205°C (401°F) (Solvent naphtha (petroleum), medium aliph.).
Pourpoint	: Not available.
Specific Gravity	: Weighted average: 0.82 (Water = 1)
Vapor pressure	: The highest known value is >1.1 kPa (>8 mm Hg) (at 20°C) (Solvent naphtha (petroleum), medium aliph.).
Vapor density	: The highest known value is 4 (Air = 1) (Solvent naphtha (petroleum), medium aliph.).
Volatility	: Not available.
Odor threshold	: Not available.
Evaporation rate	: Not available.
VOC	: Not available.
Viscosity	: Kinematic (40C): The highest known value is 1 to 2 cSt (Solvent naphtha (petroleum), medium aliph.).
LogK _{ow}	: Not available.
Solubility	: Insoluble in cold water, hot water.

Section 10. Stability and Reactivity

Stability and Reactivity	: The product is stable.
Conditions of instability	: Not available.
Incompatibility with various substances	: Reactive with oxidizing agents.
Hazardous Decomposition Products	: Not available.
Hazardous Polymerization	: Will not occur.

Section 11. Toxicological Information

Toxicity data

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Solvent naphtha (petroleum), medium aliph.	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit
Chronic effects on humans	: CARCINOGENIC EFFECTS: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.			
Other toxic effects on humans	: Hazardous in case of eye contact (irritant). Non-sensitizer for skin.			
Special remarks on toxicity to animals	: Not available.			
Special remarks on other toxic effects on humans	: Not available.			

Section 12. Ecological Information

Ecotoxicity data

Ingredient name

No hazardous ingredient.

Species

Period

Result

BOD and COD : Not available.

Biodegradable/OECD : Not available.

Mobility : Not available.

Products of degradation : Not available.

Toxicity of the products of biodegradation : The product itself and its products of degradation are not toxic.



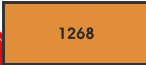










Special remarks on the products of biodegradation : Not available.

Section 13. Disposal Considerations

Waste information : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

Section 14. Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Class	Packing Group	Label	Placard
United States (DOT) Non-Bulk	Not regulated.	Not regulated for a material classed as a combustible liquid in a non-bulk packaging. (Packaging having <= 450 L water capacity).				
United States (DOT) Bulk	UN1268	PETROLEUM DISTILLATES, N.O.S.	3	III	 	
Canada (TDG) Non-Bulk	Not regulated.	Not regulated for a material classed as a combustible liquid in a non-bulk packaging. (Packaging having <= 450 L water capacity).				
Canada (TDG) Bulk	UN1268	PETROLEUM DISTILLATES, N.O.S.	3	III	 	
Mexico (NOM-004-SCT2-1994) Non-Bulk	Not regulated.	Not regulated for a material classed as a combustible liquid in a non-bulk packaging. (Packaging having <= 450 L water capacity).				
Mexico (NOM-004-SCT2-1994) Bulk	UN1268	PETROLEUM DISTILLATES, N.O.S.	3	III	 	
IMDG Code Non-Bulk	UN1268	PETROLEUM DISTILLATES, N.O.S.	3	III		If full container load. Limited quantity
IMDG Code Bulk	UN1268	PETROLEUM DISTILLATES, N.O.S.	3	III	 	

Continued on next page

IATA-DGR Class Non-Bulk

UN1268

PETROLEUM
DISTILLATES, N.O.S.

3

III



Not applicable.
For shipments of
samples not
exceeding 2.5 kg
total gross weight.

NAERG : 128

Section 15. Regulatory Information

HCS Classification : Combustible liquid

U.S. Federal Regulations : TSCA 8(b) inventory: All components listed.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated flammable substances: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

SARA 313

Form R - Reporting requirements : No products were found.

Supplier notification : No products were found.

State Regulations :
California prop. 65: No products were found.

WHMIS (Canada) : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2B: Material causing other toxic effects (TOXIC).
CEPA DSL: All components listed.

This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA, the Mexican NOM -018-STPS-2000 and the Brazilian NBR 14725:2001. This MSDS contains all the information required by the CPR, OSHA, the American National Standard Institute (ANSI) Z400.1, NOM -018-STPS-2000 and NBR 14725:2001.

Classification of the Degree of Risk (Mexico)

Ingredient name

Solvent naphtha (petroleum), medium aliph.

Health

1

Flammability

1

Reactivity

0

Other

International Lists : All components are listed on major international inventories or exempted from being listed in Australia (AICS), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI/MOL), Philippines (RA6969).

Section 16. Other Information

Label Requirements : COMBUSTIBLE LIQUID.

Hazardous Material
Information System
(U.S.A.)

Health	1
Fire hazard	1
Reactivity	0
Personal protection	C

National Fire
Protection
Association
(U.S.A.)



References : This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA, the Mexican NOM -018-STPS-2000 and the Brazilian NBR 14725:2001. This MSDS contains all the information required by the CPR, OSHA, the American National Standard Institute (ANSI) Z400.1, NOM -018-STPS-2000 and NBR 14725:2001.

Responsible name : Kemika

Date of Printing : 2014-03-02.

Date of Issue : 2014-03-02.

Date of previous issue : Not applicable.

Version : 1

Continued on next page

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.