

# Safety data sheet

## Test Fluid for Fuel Injector Testers

Version 1.0

Effective date: 30-11-2016



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

**Trade name:** Test Fluid for Fuel Injector Testers

**Article number:** 3059002

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product use:** Hydraulic oil

#### 1.3 Details of the supplier of the safety data sheet

**Company:** IOP Marine  
Engager 7  
DK-2605 Broendby  
Telephone: +45 44983833  
Fax: +45 44981125

**Contact:** contact@iopmarine.dk

#### 1.4 Emergency telephone number:

Use your national or local emergency number.

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification according to 1272/2008 CLP

Not classified.

#### 2.2 Label elements 1272/2008 CLP:

Not classified.

#### Additional labelling:

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

This mixture does not meet the criteria for PBT or vPvB according to Regulation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1/2 Substance/Mixture

CAS/EC-no.	REACH-no.	Name	Content %	Classification CLP
64742-65-0 / 265-169-7	01-2119471299- 27	Distillates (petroleum), hydrotreated light naphthenic	50-100	Asp. Tox. 1; H304.

# Safety data sheet

## Test Fluid for Fuel Injector Testers

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64742-65-0 / 265-169-7	01-2119471299- 27	Distillates (petroleum), solvent- dewaxed heavy paraffinic	2,5-10	Asp. Tox. 1; H304.
68649-42-3 / 272-028-3	-	Zinc-alkyl-dithiophosphate	0,1-1	Eye Dam. 1; H318, Aquatic Chronic 2; H411.

The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

### 3.3 Additional information:

See full text of H-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>General information:</b>	If in doubt, contact doctor.
<b>Inhalation:</b>	Supply fresh air; consult doctor in case of complaint.
<b>Skin contact:</b>	Flush contaminated skin with water and soap. Generally the product does not irritate the skin.
<b>Eye contact:</b>	Rinse opened eye for several minutes under running water. Get medical attention if irritation occurs.
<b>Ingestion:</b>	Do not induce vomiting; call for medical help immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

None known.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** CO<sub>2</sub>, dry chemical, or foam. Water can be used to cool and protect exposed material.

**For safety reasons unsuitable extinguishing agents:**

Water with full jet.

### 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

### 5.3 Advice for firefighters:

Do not enter fire area without proper protective equipment, including respiratory protection.

# Safety data sheet

## Test Fluid for Fuel Injector Testers

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for recommendations on the use of personal protective equipment.

#### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. See section 13.

#### 6.4 Reference to other sections:

See section 7, 8 and 13.

### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

Avoid unnecessary exposure. See section 8 for recommendations on the use of personal protective equipment. Wash exposed areas thoroughly after handling.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store only in the original receptacle. Store in cool, dry conditions in well sealed receptacles.

#### 7.3 Specific end use(s):

See section 1.2.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Occupational exposure limits EH40:

Oil mist: 5 mg/m.

##### DNEL / PNEC

-

#### 8.2 Exposure controls

##### Appropriate technical measures:

Normal room ventilation.

##### General information:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Always wash hands, forearms and face.

##### Personal protective equipment:

Only CE-marked personal protection equipment should be used.



# Safety data sheet

## Test Fluid for Fuel Injector Testers

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<b>Respiratory protection:</b>	Not normally required.
<b>Hand protection:</b>	Recommended: Nitrile rubber. Breakthrough time: 480 minutes, or similar gloves.
<b>Eye protection:</b>	Not necessary. If risk of contact with eyes, use safety glasses. EN 166.
<b>Body protection:</b>	Normal working clothes.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b> Liquid	<b>Color:</b> Light yellow	<b>Odor:</b> Characteristic	<b>PH:</b> -	<b>Viscosity:</b> -
<b>Flash point:</b> >110°C	<b>Boiling point:</b> -	<b>Vapour pressure:</b> -	<b>Density g/cm³:</b> 0.849	<b>Pour point:</b> -30°C (ASTM D97)
<b>Ignition temperature:</b> -	<b>Auto-ignition temperature:</b> -	<b>Explosive limits vol %:</b> -	<b>Solubility in water:</b> Not miscible or difficult to mix	

### 9.2 Other information:

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## SECTION 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	None under normal conditions of use.
<b>10.2 Chemical stability:</b>	Stable under normal conditions. To avoid thermal decomposition do not overheat.
<b>10.3 Possibility of hazardous reactions:</b>	Reacts with strong oxidising agents.
<b>10.4 Conditions to avoid:</b>	Avoid direct sunlight and heat.
<b>10.5 Incompatible materials:</b>	Strong oxidizing agents, acids, bases.
<b>10.6 Hazardous decomposition products:</b>	The product is not degraded when used as specified in section 1.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity:</b>	Not classified.
<b>Skin corrosion/irritation:</b>	Not classified
<b>Serious eye damage/irritation:</b>	Not classified.

# Safety data sheet

## Test Fluid for Fuel Injector Testers

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<b>Respiratory or skin sensitisation:</b>	Not classified.
<b>Germ cell mutagenicity:</b>	Not classified.
<b>Carcinogenicity:</b>	Not classified.
<b>Reproductive toxicity:</b>	Not classified.
<b>Specific target organ toxicity - single exposure:</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure:</b>	Not classified.
<b>Aspiration hazard:</b>	Not classified.
<b>Additional information:</b>	The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

## SECTION 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity:</b>	The product is not classified as harmful to the environment.
<b>12.2 Persistence and degradability:</b>	The product is difficultly biodegradable
<b>12.3 Bioaccumulative potential:</b>	No data available.
<b>12.4 Mobility in soil:</b>	No data available.
<b>12.5 Result of PBT and vPvB assesment:</b>	This mixture does not meet the criteria for PBT or vPvB according to Regulation.
<b>12.6 Other adverse effects:</b>	There are no additional data.

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods:</b>	Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Option:
<b>EWC-code:</b>	13 01 10
<b>Contaminated packing:</b>	Depending on the material. Make sure that the packaging is well drained.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.  
Not classified as dangerous goods according to IATA – flight transport.

# Safety data sheet

## Test Fluid for Fuel Injector Testers

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	ADR/RID	IMDG/IMO
<b>14.1 UN number</b>	-	-
<b>14.2 UN proper shipping name</b>	-	-
<b>14.3 Transport hazard class(es)</b>	-	-
<b>14.4 Packing group</b>	-	-
<b>14.5 Environmental hazards - MP</b>	-	-
<b>Other informations</b>	-	-

**14.6 Special precautions for user:**

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**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable.

## SECTION 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. EU 453/2010.

**Additional information:**

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### 15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

# Safety data sheet

## Test Fluid for Fuel Injector Testers

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### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

### Validated by:

[www.iopmarine.dk](http://www.iopmarine.dk)

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