



MATERIAL SAFETY DATA SHEET

THERMOL - Multifunctional Combustion Improver For Heavy fuels

Issue date: 21 July, 20123 modified: 12 February, 2015

1. Identification of Product and Company/Enterprise

Name of product: THERMOL - Multifunctional Combustion Improver For Heavy fuels

Application: Multifunctional Combustion Improver For Heavy fuels

Manufacturer: ABHITECH Energycon Ltd.
A/1020, Oberoi Garden Estates, Chandivali Farms Road,
Chandivali, Mumbai-400072 India
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Road, Chandivali, Mumbai-400072 India
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2. Composition/Information regarding components

Description	CAS-number	%
Petroleum Distillate	64742-47-8	80-95
Naphtha (petroleum)	64742-94-5	3-10
Others		3-8

3. Classification of hazard:

R 10 Flammable
R 53 May cause long-term adverse effects in the aquatic environment

4. First Aid Measures

- 4.1. In case of inhalation: move injured person to fresh air.
- 4.2. In case of skin contact: take off contaminated clothes and wash the skin with soap and plenty of running water.
- 4.3. In case of eye contact: rinse with plenty of running water for at least 15 minutes while pulling away your eyelid and moving around your eye-ball. In case of irritation, seek medical attention.
- 4.4. In case of ingestion: In case of Sickness , Seek medical advice.

5 Fire Fighting Measures

Mildly flammable.



5.1. Fire extinguishing media: foam, CO₂, extinguishing powder.

Do not use: water,

6 Accidental release measures

6.1. Personal safety measures: Wear individual protective equipment. Remove all sources of ignition. Smoking is prohibited! Provide sufficient ventilation.

6.2. In case of spill: Spill product must be covered with non-flammable absorbing material (e.g. sand, soil, vermiculite, other general binder) and then must be put into a closed container for this purpose. Contaminated area must be washed up with plenty of water. Material shall be disposed according to local disposal regulations

6.3. Protection of the environment Avoid material release to the environment (natural waters, ground and communal drain).

7. Handling and storage

7.1. Handling: Avoid skin contact with the product and aspiration of its fumes.

Fumes may create a flammable/explosive mixture with air at a temperature higher than 55 C°. Ensure sufficient ventilation. Do not mix with strong oxidizers. Eating, drinking and smoking during application is forbidden.

7.2. Storage: Store in its original, closed container, in a cool, well-ventilated area. Protect it from heat. Keep it away from strong oxidizers.

8 Exposure Control / Personal protection

8.1. Working conditions: Keep standard regulations for handling chemicals. Skin contact, eye contact, inhalation must be avoided by working cautiously. Eating, drinking and smoking during application is prohibited. Contaminated protective clothing must be changed immediately

8.2. Technical measures: Provide sufficient ventilation, either by standard ventilation or local aspiration.

8.3. Limit value in air of work environment: none.

8.4.1. Breathing protection: in case of insufficient ventilation, wear proper respiratory protection (Filter A, brown).

8.4.2. Body protection: protective clothing and protective shoes.

8.4.3. Hand protection: protective gloves

8.4.4. Eye protection: goggles/protective mask.

9. Physical and chemical characteristics

Physical features:

- Appearance :	Clear liquid
-Color:	Blue
-Boiling point:	150-300 C°
-Flash point:	45 C°
-Volatile component:	petroleum distillate
-Viscosity @ 40°C	1.2 cSt
-Density:	0.80
-Water solubility:	insoluble

10. Stability and reactivity

10.1. Stability: stable if used and stored according to regulations.

10.2. Hazardous polymerisations: none.

10.3. Substances to avoid: strong oxidizers.

10.4. Circumstances to avoid: high temperature.



10.5. Hazardous decomposition products: None in normal circumstances

11. Toxicological information

Ingestion is harmful

Repeated or long-term exposition may cause mild skin irritation, dry skin.

In case of eye contact it may irritate eyes,

12. Ecological information

It is prohibited to release the product into waters, soil and public drains.

13. Disposal considerations

Residues of the product shall be handled according to regulations. It is forbidden to release the product into waters, soil and public drains.

14. Transport information

Road transport:

UN-class: 1268

Packaging group: III

Description: Petroleum Distillate – n.o.s. (THERMOL)

15. Regulatory information

15.1. Labelling regulations:

Indication(s) of danger: **Harmful**

R 10 Flammable

R 53 May cause long-term adverse effects in the aquatic environment

"S"-phrase(s) that refer to safety advice concerning dangerous substances:

S 16 Keep away from sources of ignition -No smoking

S 36/37 Wear suitable protective clothing and suitable gloves.

S 61 Avoid release to the environment. Refer to special instructions/safety data sheet

S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Contains: Petroleum distillate (kerosene)

16. Other information

Application: Multifunctional Combustion Improver For Heavy fuels

Meanings of R-phrases in points (2) and (3):

R 10 Flammable

R 53 May cause long-term adverse effects in the aquatic environment

This Safety Data Sheet was made according to the Safety Data Sheet reviewed on 12/02/2011 by the manufacturer and other registration documentations. The information, data and recommendations included in this safety data sheet based on our best knowledge and on the issue date we find them correct, valid, and we believe in this.