

Product Information

MATERIAL SAFETY DATA SHEET

Conforming to Directive 91/155/EEG

PETROMIX

1. IDENTIFICATION OF PRODUCT & THE COMPANY

1.1	Product Name:	PETROMIX
1.2	Use:	Fuel oil treatment
1.3	Marketing	ORMET Barona 30, 43-100 Tychy, Poland tel. +48-32-7881880 fax. +48-32-7881882

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 **Chemical nature:** Specially designed amine-surfactant compound free of metallic or other catalysts.

HAZARDOUS INGREDIENTS

Name:	CAS number	weight%	EEG number
No hazardous material present.			

3. HAZARDOUS IDENTIFICATION

Nature of hazard	None
R-phrases	None
S-phrases	None

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4. FIRST AID MEASURES

- 4.1 **Skin:** Wash affected area with soap and water.
- 4.2 **Eyes:** Immediately wash with copious amounts of clean water or an eye solution for at least 10 minutes.
- 4.3 **Inhalation:** No inhalation hazard.
- 4.4 **Ingestion:** Low toxicity by ingestion may be harmful if ingested in quantity, drink some water to dilute.
- 4.5 **Other First Aid information:** Unknown

5. FIRE FIGHTING MEASURES

- 5.1 **Extinguishing media:** Carbon dioxide, foam, dry chemical.
- 5.2 **Unsuitable extinguishing media:** Water.
- 5.3 **Combustion products:** Carbon oxides, Nitrogen oxides.
- 5.4 **Protective equipment:** Breathing apparatus and protective clothing

6. ACCIDENT RELEASE MEASURES

- 6.1 **Personal precautions:** Avoid eye contact.
- 6.2 **Precautions to protect the environment:** Do not allow quantities to enter drains.
- 6.3 **Cleanup procedures:** Absorb with inert absorbent and dispose of in accordance with local authority regulations.

7. HANDLING AND STORAGE

- 7.1 **Handling precautions:** General ventilation is required. Avoid contact with eye.
- 7.2 **Storage:** Store in the original container.
- 7.2 **Unsuitable packing materials:** None known.
- 7.4 **Incompatibilities:** None known.
- 7.5 **Other information:** None.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 **Engineering control:** None

8.2 **Personal protection equipment**

Inhalation: Not applicable.

Skin: Not applicable.

Eyes: Safety glasses.

Hands: Safety gloves.

Others: Wash after handling, especially before eating, drinking, smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: 20° C

Physical form: Liquid **Colour:** Black

Odour: Typical

pH: Not applicable

Boiling point/Boiling range

>250° C

Pour point

-48 - -42° C

Flashpoint

136 - 144° C

Autoflammability

300° C

Explosion properties

Not applicable

Vapour pressure

<1.3mbar

Specific gravity, 20° C

920 kg/m³

Solubility in water

Not soluble

Viscosity, 0° C

450. 10⁻⁶ m²/s

20° C

95. 10⁻⁶ m²/s

40° C

33. 10⁻⁶ m²/s

Solubility in white spirit

Miscible

10. STABILITY AND REACTIVITY

10.1 **Stability:** Stable

10.2 **Reactivity**

Conditions to avoid: Temperature above 140° C

Materials to avoid: Can react with strong oxidising agents, acids and halogenised organic compounds.

Hazardous decomposition products: Carbene oxides and Nitrogen oxides.

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11. TOXICOLOGICAL INFORMATION

Skin: Can cause slight discomfort.

Eyes: May cause temporary discomfort.

Inhalation: No significant effect.

Ingestion: No significant effect.

12. ECOLOGICAL INFORMATION

12.1 Biodegradability: BOD <20%

12.2 Aquatic ecotoxicity: Not known.

13. DISPOSAL CONSIDERATION

13.1 Product disposal: Can be burned in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UNNO: 2734

Road and Rail transport (ARD/RID): No special packaging or labelling requirements.

Sea Transport (IMDG): IMDG Code 8

Air Transport (ICAO):

15. REGULATORY INFORMATION

15.1 EEC classification and labelling: Not classified as hazardous to users.

Symbol: R-phrases S-phrases

16. OTHER INFORMATION

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