

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name: Muzoil

Chemical Classification: Polymer oil

Recommended Use: Gemstone clarity enhancement

Company: Gemma SAS, 10 rue de Penthièvre, 75008 Paris, France

Contact: contact@muzoil.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Linear polymer oil (Non-crosslinking, non-curing)

Physical Form: Liquid

Hazardous Ingredients: None

3. HAZARDS IDENTIFICATION

Overall Hazard Classification: Not hazardous

Primary Routes of Exposure: Inhalation, skin contact, accidental ingestion

Potential Health Effects:

- Eyes: Direct contact may cause temporary redness
- Skin: No significant irritation expected
- Inhalation: No significant irritation expected at room temperature
- Ingestion: No known applicable information

4. FIRST AID MEASURES

Eyes: Immediately flush with water

Skin: Wash with soap and water

Inhalation: Move to fresh air if heated vapors are inhaled

Ingestion: Seek medical attention if ingested in large quantities

Note to physicians: Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable

Flash Point: > 200 C (open cup)

Extinguishing Media: Dry chemical, foam, or water spray

Special Procedures: Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus for large fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid eye contact. Prevent slipping hazards on spilled surfaces.

Environmental Precautions: Prevent from entering drains or rivers.

Clean-up Methods: Absorb with suitable material. Final cleaning may require solvents or detergents as the product is an oil.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid eye contact. Wash hands after handling.

Storage: Store away from strong oxidizing materials. Keep containers closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: General ventilation recommended. Adequate ventilation required if heated above 150 C.

Eye Protection: Safety glasses recommended.

Skin/Hand Protection: Standard hygiene practices; no special protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid

Color: Colorless, clear

Odor: Slight odor

Kinematic Viscosity: 175 mm²/s at 25 C

Refractive Index: 1.565

Specific Gravity: 0.969

Vapor Pressure: Low

Boiling Point: > 65 C

Freezing Point: -50 C

Flash Point: > 200 C (open cup)

Solubility: Fully soluble in alkane and arene solvents

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: None

Materials to Avoid: Strong oxidizing materials

11. TOXICOLOGICAL INFORMATION

Sensitizing Effects: None known

Mutagenic / Reproductive / Carcinogenic Effects: None known

12. ECOLOGICAL INFORMATION

Environmental Effects: No adverse effects on aquatic organisms.

Bioaccumulation: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of product and packaging in accordance with local, national, and international regulations.

14. TRANSPORT INFORMATION

Road/Rail/Sea/Air: Not classified as hazardous for transport. Not restricted by IMDG or IATA regulations.

15. REGULATORY INFORMATION

Chemical Inventories: All components are listed or exempt on standard chemical inventories (AICS, IECSC, DSL, TSCA, EINECS).

16. OTHER INFORMATION

Revision Date: September 2026

This information is offered in good faith as typical values and not as a product specification. Users should review these recommendations in the specific context of their intended use.