Material Safety Data Sheet

Section 1. Identification of the chemical and supplier

Product Name: Mould Release Agent **Synonyms:**
commodity code:
(M)SDS Number: 2402EN
Relevant identified use(s): Cold mounting sample preparation for metallographic experiments
Emergency telephone number: 13814829868（24h）
Name of the company: Trojan (Suzhou) Material Technology Co., Ltd
Address of the company: Building 26, No. 228 Gongtang Road Luzhi Town,Wuzhong District, Suzhou, China.
Post code: 215000 Fax number: 0512-67508229
Telephone number: 0512-67580617
E-mail address: sales@trojanchina.com

Section 2. Hazards identification

Hazard classification according to GHS:

Severe eye injury/eye irritation	Category2	(H319)
Chronic aquatic toxicity	Category 3	(H412)

Hazard pictograms**:**



Signal word: Warning

Hazard statements:
H319 - Causes severe eye irritation
H412 - Harmful to aquatic organisms and has long lasting effects
Precautionary statements:
1. **Prevention:**
- Keep away from heat and combustible substances.
- When using the product, do not eat, drink or smoke.
- Wear protective gloves/protective clothing/eye protection/face protection.
2. **Response:**
- In case of fire: use suitable extinguishing equipment to extinguish the fire.
- If swallowed: Wash mouth, do not induce vomiting, seek medical advice as soon as possible.
- In case of contact with eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can easily remove them, remove contact lenses. Continue irrigating if eye irritation persists: seek medical advice.
- In case of skin contact: Rinse clean with water.

3. **Storage:**

- Place the container in a well-ventilated place. Avoid release to the environment.

4. **Disposal:**

- Collect centrally and dispose of contents/containers in accordance with applicable local/regional/national/international regulations.

Section 3. Composition/information on ingredients

Name： Mould Release Agent

Substances

Chemical name	EC No.	CAS No.	Weight-%
Poly(ethylene glycol)	500-038-2	25322-68-3	20-40
Water	231-791-2	7732-18-5	60-80

Section 4. First-aid measures

General advice: Immediate medical attention is required. Show this material safety data sheet (MSDS) to the doctor in attendance .

Description of necessary first-aid measures

If inhaled: Remove to fresh air.

Following skin contact: Wash skin with soap and water. In case of skin irritation or allergic reaction, seek medical attention.

Following eye contact: Rinse with plenty of water for at least 15 minutes and lift upper and lower eyelids. Consult your doctor.

Following ingestion: Rinse your mouth with water and drink plenty of it.

Most important symptoms/effects, acute and delayed: No apparent hazard.

Advice for protecting the rescuer: No special protection is required.

Special note to the doctor: Symptomatic treatment.

Section 5. Firefighting measures

Suitable extinguishing media: Use fire extinguishing measures appropriate to local conditions and the surrounding environment.

Specific hazards arising from the substance or mixture: Thermal decomposition results in the release of irritating and toxic gases and vapors.

Special fire extinguishing procedure: N.A.

Special protective actions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full fire fighting clothing and use personal protective equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation

and avoid contact with skin or eyes.
Environmental precautions: Do not drain directly into sewers, water sources, or soil.
Methods and materials for containment and cleaning up Containment method: to prevent further leakage or spillage where safe and feasible. Cleaning method: mechanically picked up and placed in an appropriate container for disposal.

Section 7. Handling and storage

Precautions for handling: Avoid contact with skin and eyes and comply with industrial hygiene standards.
Precautions for storage: Keep container tightly closed and in a dry and well ventilated place.
Operation cautions: Ensure adequate ventilation and operate in accordance with good industrial hygiene and safety practices.

Section 8. Exposure controls/personal protection

Engineering control: No special requirements.
Control parameters - 8 hours daily average admissible concentration/short time average admissible concentration/maximum admissible concentration：N.A. - biological indicator：N.A.
Personal protection equipment - Respiratory protection: No special requirements. - Hand protection: Avoid direct contact and wear protective gloves. - Eye protection: Avoid sputtering and wear protective goggles. - Skin and body protection: No special precautions.
Hygiene measures: Air pollution control requirements.

Section 9. Physical and chemical properties

Appearance: Light yellow to yellowish green liquid	**Odor**: Odourless
Odor threshold: /	**Melting point :** 125℃
pH: 7	**Initial boiling point and boiling range**: 182℃
Vapor pressure: 6mmHg	**Vapor density :** N.A.
Relative density: 1.05	**Solubility:** Miscibility with water

Section 10. Stability and reactivity

Stability and reactivity	
Stable at room temperature	
The explosion of data	N.A.
Sensitive to mechanical impact	N.A.
Sensitive to electrostatic discharge	N.A.

Possible hazardous reactions under special circumstances: Will not happen.
Conditions to avoid： No special requirements. **Prohibited content:** N.A.
Hazardous decomposition products： Not under normal service conditions.

Section 11. Toxicological information

Exposure pathways: inhalation, skin, eyes, ingestion
Symptom: N.A.
Chronic or chronic toxicity: Skin corrosion/irritation: No information available. Severe eye injury/eye irritation: No information available. Respiratory or skin sensitization: No information available. Germ cell mutagenesis: No information available. Carcinogenicity: No information available. Reproductive Toxicity: No information available. STOT - One Touch: No information available. STOT - Repeated Contact: No information available. Inhalation Hazard: No information available.

Section 12. Ecological information

Ecotoxicity: N
Persistence and Degradability: The product degrades easily.
Bioaccumulation: No information available.
Mobility in soil： No information available.
Other adverse effects: No information available.

Section 13. Disposal considerations

Waste treatment methods:	
Residues/waste from unused products	Dispose in accordance with local regulations. Dispose of waste in accordance with environmental regulations.
Contaminated Packaging	No information available.

Section 14. Transport information

Special Name for Transport: Container bottles are not specified for <110 Gal.

International Transport Regulations: No special requirements.
UN Name: No special requirements.
Transport hazard class： /
Packing group: No special requirements.

Marine pollutant: No special requirements.
Special transportation method and matters needing attention: No special requirements.

Others:

IMDG/IMO	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Descriptions	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Marine Pollutant	Not Applicable
Special provisions	N
EmS-No.	Unregulated
Bulk transportation basis MARPOL 73/78	N.A.
RID	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Descriptions	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Environment Hazards	Not Applicable
Special provisions	N
Classification code	Unregulated
ADR	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Descriptions	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Environment Hazards	Not Applicable
Special provisions	N
Classification code	Unregulated
Tunnel limit code	Unregulated
IATA	Unregulated
UN number	Unregulated
Proper Shipping Name	Unregulated
Descriptions	Unregulated
Hazard Class	Unregulated
Packing Group	Unregulated
Environment Hazards	Not Applicable
Special provisions	N
ERG code	Unregulated

Section 15. Regulatory information

Applicable regulations: China

Section 16. Others

Reference		
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