

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: **ESTOFORM OB**
 Application: Mould Releasing Agent
 Use advised against: No additional information available
 Company: **PT. HISSAN TRADING INDONESIA**
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2. HAZARDS IDENTIFICATION

A. Hazard Risk Classification

- Health Hazard
 - Flammable Liquid: Category 4
 - Carcinogenicity: Category 2

B. Label elements including precaution statements.

- Symbol:



- Signal word: Warning/Flammable
- Hazard Risk Statement
 - H204 Fire or projection hazard
 - H226 Flammable liquid and vapour
 - H242 Heating may cause a fire
 - H317 May cause an allergic skin reaction
 - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 - H336 May cause drowsiness or dizziness
 - H350 May cause cancer
- Precautionary Statement (Prevention)
 - P201 Obtain special instruction before use
 - P202 Do not handle until all safety precautions have been read and understand.
 - P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
 - P261 Avoid breathing dust/fumes/gas/mist/vapours/spray
 - P270 Do not eat, drink or smoke when using this product
 - P280 Wear protective gloves/protective clothing/eye protection/face protection
 - P332 + P313 If skin irritation occurs. Get medical advice / attention
 - P362 Take off contaminated clothing amend wash before reuse

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (s)	Cas Number	%
Hydrocarbon oil	68334305	85 – 95
Fatty Acid	101403-98-9	1 - 10

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or EILINCS (European List of New Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

4. FIRST AID MEASURES

Eyes : Irrigate immediately with copious of quantities of water for several minutes. If persistent irritation occurs, obtain medical attention immediately.

Skin : Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation : Remove to fresh air, rest and keep warm and obtain medical attention urgently.

Ingestion : Obtain medical attention urgently. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jet as this will only cause the product to spread on top of the water.

Special Exposure Hazards: Toxic fumes.

Special Protective Equipment: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye / face protection. Immediately issue NO SMOKING and NO NAKED FLAMES warnings.

Environmental Precautions: Prevent entry into drain, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste..

7. HANDLING AND STORAGE

Handling Do not use near sources of ignition. Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact.

Storage Store away from sources of ignition. Store in cool place away from sources of heat and out of direct sunlight to avoid pressure build up.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits : None assigned

Engineering Control Measures No specific ventilation requirement noted.

Personal Protective Equipment Impervious gloves (eg PVC).Goggles. Safety glasses / goggles.

Change contaminated clothing immediately and clean before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Light Amber
Odour	Oily Smell
pH (concentrate)	Not applicable
Boiling Point / Range (°C)	100-150
Melting Point / Range (°C)	Not applicable
Flash Point (closed °C)	>62°C
Relative Density (at 25°C)	0.820 - 0.850
Water Solubility	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Contains volatile solvent
Conditions to avoid:	Any source of ignition. Direct sunlight.
Materials to avoid:	Not applicable.
Hazardous Decomposition Products:	Thermal decomposition :- Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Health Effects

On eyes:	Irritation. Vapour may cause irritation.
On skin:	Prolonged skin contact may cause irritation.
By Inhalation:	Mist and vapors may cause irritation to nose and respiratory tract.
By Ingestion:	May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or from vomiting may cause severe chemical pneumonitis.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION

Environmental Assessment :	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility :	Insoluble in water.
Persistence & Degradability :	Expected to be not readily biodegradable.
Bioaccumulated Potential :	Not determined.
Ecotoxicity :	Expected to be ecotoxic to fish / daphnia / algae.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through authorized waste contractor to a licensed site. May be incinerated. Do not empty into drains, sewers or water courses.
Used/Contaminated Product:	As for Unused product.
Packaging:	Must be disposed of through an authorized waste contractor. May be steam cleaned and recycled.

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15. REGULATORY INFORMATION

Hazard Label Data

This product is NOT classified as dangerous for supply.

Safety Phrases:	Do not breathe vapor/spray. Wear suitable gloves and eye/face protection. Use only in well ventilated areas.
EC Directives:	Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC. Dangerous Substances Directive, 67/548/EEC and adaptations.
Statutory Instruments:	Health & Safety at Work, etc. Act 1974. Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092). Control of Substances Hazardous to Health Regs. 1994 (SI 3246). Environmental Protection Act 1990.
Codes of Practice:	Waste Management. The Duty of Care.
Guidance Notes:	Occupational exposure limits (EH 40).

16. OTHER INFORMATION

Also refer to the Safety Data Sheet (s) for information on other components of this product.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used than for the stated application or applications without seeking advice from PT. Hissan Trading Indonesia.

If this product has been purchased to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described to this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the user's own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from PT. Hissan Trading Indonesia.

Disclaimer: We believe this statement, technical information and recommendations contained here in are reliable, but they are given without warranty or guarantee if any kind. The information contained in this document applies to this specific material as supplies. It may not be valid for this material if it used in combination with any other materials. It is the user's responsibility to satisfy oneself as to suitability and completeness of this information for the user's own particular use.

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