



Future Chem Asia Co., Ltd.

29/67-68 Moo 7 Srinakarin Road, Teparuk, Muang, Samutprakarn 10270

Tel: +662 – 383-5473 Fax: +662 – 383 – 5474

MATERIAL SAFETY DATA SHEET

Section 1. MATERIAL IDENTIFICATION

PRODUCT NAME: **ANTIFOAM HD 40**

CHEMICAL DESCRIPTION: Polydimethylsiloxane emulsion

PRODUCT CLASS: Defoamer

Section 2. CHEMICAL OR HAZARDOUS COMPONENTS

Chemical Name	CAS Number	OSHA PEL	ACGIH TLV
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No ingredients Lists in this section*

Section 3. POTENTIAL HEALTH EFFECTS

PRIMARY ROUTES OF ENTRY: None

TARGET ORGANS: None

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Unknown

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: This product would not be expected to produce irritation upon contact with the eye.

SKIN CONTACT: The product is not expected to cause skin irritation upon contact. No data is available to suggest that this product may produce an allergic skin reaction or be absorbed through the skin in harmful amounts.

INGESTION: This product would be expected to be practically non-toxic by ingestion.

INHALATION: This product is not expected to present an inhalation hazard.

SUBCHRONIC, CHRONIC:

No applicable information was found concerning any potential health effects resulting from subchronic or chronic exposure to the product.

CARCINOGENICITY:

NPT: *None ingredients listed in this section*

I.A.R.C. *None ingredients listed in this section*

OSHA *None ingredients listed in this section*



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Section 4. FIRST AID MEASURES

EYE CONTACT: No expected to require first aid measures. However, follow good industrial hygiene practices and, in case of contact, flush eyes with plenty of water.

SKIN CONTACT: Not expected to require first aid measures. However, follow good industrial hygiene practices and, in case of contact, wash affected skin areas thoroughly with soap and water.

INGESTION: Not an expected route of overexposure. If swallowed, do not induce vomiting. Call a physician. This product would be expected to be practically non-toxic by ingestion.

INHALATION: Not an expected route of overexposure. However, if exposure by inhalation is suspected, move individual to fresh air. Aid in breathing if necessary and seek medical aid if symptoms occur.

Section 5. FIRE AND EXPLOSION INFORMATION

FLASH POINT: >200°F

This product is not by definition a "flammable liquid" or a "combustible liquid"

LOWER FLAMMABLE LIMIT: Not available **UPPER FLAMMABLE LIMIT:** Not available

AUTO-IGNITION TEMPERATURE: Not available

EXTINGUISHING MEDIA: Use extinguishing media appropriate for the surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

FIRE & EXPLOSION HAZARDS: Product emits toxic gases under fire conditions.

DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce oxides of carbon.

NFPA RATINGS: Health = 2 Flammability = 1 Reactivity = 0 Special Hazard = None

Hazard rating scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Section 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent and place into suitable container. Spilled product may make floor slippery; spills should be cleaned up immediately to prevent falls.

Section 7. HANDLING AND STORAGE

HANDLING: As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

Wash thoroughly after handling.

Keep container closed when not in use.

STORAGE: No specific information.



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Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE / FACE PROTECTION: Chemical splash goggles recommended as a good industrial hygiene practice.

SKIN PROTECTION: No specific requirement.

RESPIRATORY PROTECTION: None requirement.

ENGINEERING CONTROLS: No specific recommendation.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

BOLLER POINT: > 100°C

SOLUBILITY IN WATER: Dispersible

VAPOR PRESSURE: > 26.66 hPa at 25°C

VISCOSITY: 1,500 – 3,600 cSt.

VAPOR DENSITY (air = 1): Similar to water

pH (5% solution): 6.0 - 8.0

% VOLATILE BY WEIGHT: Not determined

FREEZE POINT: +/- 0°C

APPEARANEC: Opaque white liquid

Section 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: No specific information

INCOMPATIBILITY: None

DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce oxides of carbon.

Section 11. TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICOLOGICAL INFORMATION

All available information with relevance to human health hazard evaluation is indicated under section 11.3

11.2 SUB-ACUTE/SUB-CHRONIC/CHRONIC TOXICOLOGICAL INFORMATION

All available information with relevance to human health hazard evaluation is indicated under section 11.3

11.3 SIGNIFICATION DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH

No information relevant to human health hazard evaluation is currently available.

11.4 ADDITIONAL INFORMATION

All available information with relevance to human health hazard evaluation is indicated under section 11.3

Section 12. ECOTOXICOLOGY AND ECOLOGY INFORMATION

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

Section 13. DISPOSAL CONSIDERATIONS

RCRA STATUS: Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

DISPOSAL: Disposed of in accordance with local, state and federal regulations.



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Section 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:

Class/Division: Not restricted

Proper Shipping Name: Not applicable

Lable: None

Packing Group: Not applicable

ID Number: Not applicable

Section 15. REGULATORY INFORMATION

EINECS: The ingredient of this product are on the EINECS inventory

TSCA: The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory
