

SAFETY DATA SHEET (SDS)

1. CHEMICAL PRODUCT

PRODUCT NAME: Foam Away HT-50 Antifoam
GENERIC NAME: Defoamer / Antifoam
CAS NUMBER: NA
MIXTURE: YES
SINGLE SUBSTANCE: NO
Emergency Telephone Number: 1.603.228.1200

2. HAZARDS IDENTIFICATION

Hazardous material identification system as outlined by the National Paint and Coatings Association. However, these ratings are subject to data and interpretations that may vary from one company to another. Their purpose is to provide the customer with a rapid identification of the general type of hazards. Safe and proper handling should involve considerations of all information contained in this Safety Data Sheet (SDS).

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

EMERGENCY PRODUCT OVERVIEW:

White opaque liquid with a mild odor. May be mildly irritating to the eyes and skin. Can be irritating to the respiratory tract if used improperly.

HEALTH EFFECTS:

H303 May be harmful if swallowed
H316 Causes mild skin irritation
H320 Causes eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P342+P311 IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
P301-P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P305-P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P302+P352 IF ON SKIN: wash with plenty of soap and water.

SPECIAL HAZARDS:

This product is not for injection into humans. This product contains Methylpolysiloxanes which generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential carcinogen.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Material / Components	CAS#	%	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL	UNITS
Hazardous Components	NONE						

4. FIRST AID MEASURES

- SKIN:** Wash exposed areas with soap and water.\
- EYES:** Flush eyes with water for a minimum of fifteen minutes. If irritation persists, get medical attention immediately.
- INGESTION:** May be harmful if ingested. Observe victim for nausea; seek medical attention in conditions persist.
- INHALATION:** Move victim to fresh air. If victim is unconscious, administer artificial respiration and get medical attention

5. FIRE FIGHTING MEASURES

- FLASH POINT** : NONE – WATER BASED
- METHOD** : CLOSED CUP
- IGNITION POINT** : NONE – WATER BASED
- FLAMMABLE LIMITS IN AIR – LOWER (%)** : NONE – WATER BASED
- FLAMMABLE LIMITS IN AIR – UPPER (%)** : NONE – WATER BASED
- SELECTIVITY TO MECHANICAL IMPACT (Y/N)** : NO
- SELECTIVITY TO STATIC DISCHARGE** : Sensitivity to discharge is not expected.
- EXTINGUISHING MEDIA** : WATER BASED PRODUCT, BOILING POINT 212°F
- SPECIAL FIREFIGHTING PROCEDURE** : None known.

Thermal breakdown of this product will evolve the following decomposition products:

This product contains Methylpolysiloxanes which generate formaldehyde at approximately 300°F(150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential carcinogen.

6. ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Soak up spills with absorbent, noncombustible material and place it in labeled containers for disposal. Wear recommended protective equipment. Bury material in an approved landfill.

For large spills, flush the spill with water spray. Prevent runoff from contacting public drains, sewers, or streams. Observe all applicable local, state and federal waste management regulations.

SPECIAL PRECAUTIONS:

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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7. HANDLING AND STORAGE

HANDLING: Use only in well ventilated areas.

STORAGE: Store in a cool, dry, well-ventilated area and keep away from heat, sparks and open flame. Never use a welding or cutting torch on or near any container, even empty, as an explosion can occur. Keep containers closed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS: See section 2, if applicable.
ENGINEERING CONTROLS: If material is heated above 200°C, use local exhaust ventilation.
EYE PROTECTION: Safety glasses with side shields or goggles at a minimum.
SKIN PROTECTION: Chemical resistant gloves.
RESPIRATORY PROTECTION: Use respirator suitable for protection when spraying this material. If material is heated above 200°C, use a positive pressure air supplied respirator or SCBA.
OTHER PROTECTIVE EQUIPMENT: Eyewash station and safety shower.

P280 Wear protective gloves/protective clothing/eye protection/face protection

9. PHYSICAL AND CHEMICAL PROPERTIES*

APPEARANCE :

PHYSICAL STATE / FORM	LIQUID
COLOR	WHITE
ODOR	BLAND, MILD ODOR
ODOR THRESHOLD (PPM)	UNK

SAFETY PARAMETERS :

BOILING POINT/BOILING RANGE	100°C/212°F
VAPOR PRESSURE (20°C) (MM HG)	NEG
VAPOR DENSITY (AIR = 1)	NA
FREEZING POINT	0°C/32°F
MELTING POINT	0°C/32°F
EVAPORATION RATE) BUTYL ACETATE = 1)	NA
PH - VALUE	7.5 – 8.5
ACID / ALKALINITY (MEQ/G)	NA
SPECIFIC GRAVITY (WATER = 1) @ 25°C	1.00
WEIGHT PER GALLON	8.30 POUNDS
VOC (EPA METHOD 24) (G/L)	NA
WATER SOLUBILITY (20°C)	SOLUBLE

*: The above information is given only as a listing of typical properties and is not intended to be representative of product specifications. Please contact the Quality Assurance Department for current product specifications.

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10. STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION	CARBON MONOXIDE, CARBON DIOXIDE, FORMALDEHYDE
COMBUSTION PRODUCTS :	
INCOMPATIBILITIES:	AVOID CONTACT WITH ACIDS, BASIC OR OXIDIZING AGENTS
CONDITIONS TO AVOID:	STRONG ACIDS, BASES AND OXIDIZING AGENTS

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION	DIMETHYLPOLYSILOXANE EMULSION
Acute Oral LD50 (g/kg rat)	NONE FOUND
Acute Dermal LD50 (Mg/Kg)	NONE FOUND
Acute Inhalation LD50(Mg/L)	NONE FOUND
Other :	NONE

12. ECOLOGICAL INFORMATION

TOXICITY TESTING INFORMATION

ORAL LD₅₀ (species):	No data available at publish date.
INHALATION LD₅₀ (species):	No data available at publish date.
DERMAL LD₅₀ (species):	No data available at publish date.
AQUATIC LD₅₀ (species):	No data available at publish date.

CHEMICAL FATE INFORMATION

BIOLOGICAL OXYGEN DEMAND (BOD):	No data available at publish date.
CHEMICAL OXYGEN DEMAND (COD) :	No data available at publish date.
OCTANOL / WATER PARTITION COEFFICIENT :	No data available at publish date.

13. DISPOSAL CONSIDERATIONS*

WASTE DISPOSAL:

The product is not considered a hazardous waste under Federal Hazardous Waste Regulation 21CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult your state and local disposal agencies regarding regulations pertaining to the proper disposal of this material. It is recommended that the absorbed waste product be land filled after securing Environmental Regulatory Agency and landfill operations approval.

*: Chemical additions, processing or otherwise altering this material may make the waste management information divulged herein incomplete, inaccurate or otherwise inappropriate.

14. TRANSPORT INFORMATION

This product is not a DOT hazardous material and is therefore not regulated.

15. REGULATORY INFORMATION:

CHEMICAL INVENTORY LISTINGS:

Toxic Substances Control Act (TSCA) Chemical Inventory Status

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All components of this product are listed in the TSCA Inventory as published by the Environmental Protection Agency, and are exempt from update rule.

CANADIAN DOMESTIC SUBSTANCE LIST (DSL) STATUS

All components of this product are listed in the Canadian DSL inventory as published by the Canadian Environmental Protection Agency.

FEDERAL EPA:

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of the release of quantities of hazardous substances equal to or greater than the reportable quantities (Rqs) in 40CFR 302.4

Product components at levels which could require reporting:

SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	NA	NA

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on the Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (Rqs) in 40CFR 355 (used for SARA 302, 304, 311 and 312). In addition, SARA Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR 372 (for SARA 313). This information must be included in all Safety Data Sheets (SDS) that are copied and distributed for this material.

Product components at levels which could require reporting:

SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	NA	NA

SECTION 312 HAZARD CLASS:

ACUTE: No
CHRONIC: No
FIRE: No
PRESSURE: No
REACTIVE: No

STATE'S RIGHT-TO-KNOW:

California Proposition 65 under the Safe Water and Toxic Enforcement Act of 1986 requires the listing of any chemicals contained in this product that may cause cancer and/or birth defects or other reproductive harm.

Product components at levels that could require reporting:

SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	None	NA

Massachusetts Right-To-Know Substance List (MSL).

Hazardous substances and extraordinary hazardous substances on the MSL must be identified when present in product (>/=0.01%).

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SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	None	NA

Product components at levels which could require reporting:

SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	None	NA

Pennsylvania Right-To-Know Hazardous Substance List.

Hazardous substances and special hazardous substances on the list must be identified when present in product (>=1.0%).

SUBSTANCE	CAS NUMBER	% BY WEIGHT
NA	None	NA

16. OTHER INFORMATION:

DATE UPDATED: **JANUARY, 2014**

This product or its components are listed on the European Inventory of existing commercial chemicals (EINECS). These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

ABBREVIATIONS :

C = Ceiling limit	REC = RECommended	EST = ESTimated
V = recommended by Vendor	NA = Not Applicable	SKN = SKiN
NE = None Established	TS = Trade Secret	ND = None Determined
R = Recommended	NEG. = NEGLigible	MST = MiST
NF = None Found	NT = Not Tested	UNK = UNKnown
STEL = Short Term Exposure Limit	By-product = reaction by-product	

TSCA Inventory status not required under 40 CFR part 720.30(h2).

The information and recommendations contained within this document are made to the best of **ENCON Evaporators** knowledge and belief, accurate and reliable to the date published. However, it is the responsibility of the purchaser of this product to determine the safety, toxicity and suitability for his or her own use of the product described within this document. Because of the actual use of this product is beyond our control, there is no guarantee, neither expressed nor implied, made by **ENCON Evaporators**.