

S A F E T Y D A T A S H E E T



Madison Chemical Co., Inc.

3141 Clifty Drive • Madison, IN 47250

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME:

COMPOUND AF-A (FG)

TYPE:

Defoamer

PRODUCT #

309051

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN

EMERGENCY RESPONSE INFORMATION:

CHEMTREC

800-424-9300

24-Hour Service

Company Offices:

812-273-6000

Weekdays

PREPARED DATE:

07-12-17

PREPARED BY:

Marjorie Hare

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Not hazardous

Signal Word

CAUTION

Symbol

No symbols required.

Hazard Statements

No Hazard Statements applicable.

Precautionary Statements

P102 Keep out of reach of children.
P261 Avoid breathing mist/vapor/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P330 Rinse mouth.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P352 Wash with plenty of soap and water.
P363 Wash contaminated clothing before reuse.
P402 + P404 Store in a dry place. Store in a closed container.
P501 Dispose of contents / container according to local, regional, national and international regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT

SYNONYM

CAS NO.

% BY WEIGHT

Proprietary blend

None

Mixture

100

If Chemical Name/CAS No is "proprietary" and/or % By Weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret

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SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYES:	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician.
SKIN:	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.
INGESTION:	DO NOT INDUCE VOMITING. Give water. Call a physician. DO NOT give anything by mouth if the person is unconscious or if having convulsions.
INHALATION:	No specific treatment is necessary since the material is not likely to be hazardous by inhalation. If exposed to excessive levels of fume or dust, remove to fresh air and get medical attention if cough or other symptoms develop.
PRIMARY ROUTE(S) OF ENTRY:	Eyes, ingestion.

MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

EYE CONTACT:	Contacted areas may exhibit irritation.
SKIN CONTACT:	No hazard in normal industrial use.
INGESTION:	May be harmful if swallowed.
INHALATION:	No hazard in normal industrial use.
CHRONIC SYMPTOMS:	None expected under normal conditions of use.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

If you experience any of the symptoms / effects listed above seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use extinguishing media as appropriate for surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Not considered flammable or explosive. Hazardous reactions will not occur under normal conditions.

ADVICE FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep containers cool.

Hazardous Combustion Products: Under high heat or fire conditions, the following compounds may be formed: Carbon oxides including carbon monoxide, silicon oxides and formaldehyde.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Wear impermeable gloves. Wear safety eyewear to protect against unexpected splashes. Use caution; spilled material may present a slipping hazard.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain liquid spills with sand and absorb on inert material. Dispose with solid waste. See Waste Disposal Method. Do not discharge to sewers or waterways without proper treatment.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep container tightly closed when moving or storing. Do not dilute product with water and store in diluted form. Wear proper safety equipment when handling this product. Handle in accordance with good industrial hygiene and safety procedures.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Store this product below 110°F (43 C) in a cool dry, well-ventilated area away from direct sources of heat, moisture or sunlight. Store away from oxidizing agents. Freezing will cause viscosity change. Keep container closed when not in use.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES: No ingredients identified by OSHA as hazardous are known to be present above de minimus levels.

ENGINEERING CONTROLS:

As necessary to avoid inhalation and contact.

INDIVIDUAL PROTECTION MEASURES:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

RESPIRATORY PROTECTION:

Not needed for normal use.

SKIN PROTECTION:

Wear chemical resistant gloves and other equipment as required to avoid contact.

EYE PROTECTION:

Safety eyewear to protect against unexpected splashes.

GENERAL HYGIENE CONSIDERATIONS:

Eyewash facility and emergency shower should be in close proximity. Always wash hands after handling any chemical.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Milky, white liquid.
ODOR:	Mild.
ODOR THRESHOLD:	Not available.
pH (100%):	3.5 – 4.5
MELTING POINT/FREEZING POINT	32°F (0°C)
INITIAL BOILING POINT AND BOILING RANGE	~212°F (~ 100 C).
FLASH POINT (METHOD USED)	Not available.
EVAPORATION RATE	Not available.
FLAMMABILITY (SOLID, GAS)	Not available.
UPPER/LOWER FLAMMABLE OR EXPLOSIVE LIMIT	Not available.
VAPOR PRESSURE	Not available.
VAPOR DENSITY	Not available.
SPECIFIC GRAVITY	1.01
SOLUBILITY IN WATER	Dispersible.
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
VISCOSITY, DYNAMIC	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VISCOSITY	Not available.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Hazardous reactions will not occur under normal conditions.
CHEMICAL STABILITY:	Stable under recommended handling and storage conditions (see Section 7).
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization will not occur.
CONDITIONS TO AVOID:	Extreme temperatures.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under high heat or fire conditions, the following compounds may be formed: Carbon oxides including carbon monoxide, silicon oxides and formaldehyde.

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SECTION 11: TOXOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified.
LD50 AND LC50 DATA:	Oral: >5,000 mg / kg ATE (calculated) Dermal: Not determined Inhalation: Not determined
ROUTES OF EXPOSURE / SYMPTOMS	
EYES:	Contacted areas may exhibit irritation.
SKIN:	No hazard in normal industrial use.
INGESTION:	May be harmful if swallowed.
INHALATION:	No hazard in normal industrial use.
GERM CELL MUTAGENICITY:	Not classified.
TERATOGENICITY:	Not available.
CHRONIC EFFECTS / CARCINOGENICITY:	This material contains no ingredient above de minimus concentrations known or suspected to cause cancer.
SPECIFIC TARGET ORGAN TOXICITY (Repeated exposure):	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
SPECIFIC TARGET ORGAN TOXICITY (Single exposure):	Not classified.
ASPIRATION HAZARD:	Not classified.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY Contains a substance which causes risk of hazardous effects to the environment.

COMPONENT INFORMATION

Fish LC50:	(<i>Pimephales promelas</i> , 48 hr):	6420 mg / L
Aquatic Invertebrate LC50:	(<i>Ceriodaphnia dubia</i> , 48 hr):	3350 mg / L

PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	This material contains no hazardous air pollutants (HAPS).

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD Normal for wastes containing silicone. Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Compound, cleaning, NOI, liquid
HAZARD CLASS:	Not applicable.
IDENTIFICATION NUMBER:	Not applicable.
PACKING GROUP:	Not applicable.
EMERGENCY RESPONSE GUIDE:	Not applicable.

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SECTION 15: REGULATORY INFORMATION

VOC: 0 pounds per gallon (0 grams per liter).
*CFR Title 40, Volume 5, Part 59, Sub-Part C exemption for low vapor pressure VOC, or LVP-VOC.
TSCA STATUS All ingredients are listed on the active TSCA inventory.
CERCLA REPORTABLE QUANTITY None established.

SARA 311 / 312 HAZARD CLASSES

	ACUTE HEALTH
	FIRE
	SUDDEN RELEASE OF PRESSURE
	CHRONIC HEALTH
	REACTIVE

SARA 312 INFORMATION

Storage of 10,000 pounds or more may require filing a Tier 2 form. Threshold planning quantity for reporting is 10,000 pounds. This material is not an extremely hazardous substance (EHS).

SARA 313 INFORMATION

This material contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

CHEMICAL NAME

None

CATEGORY CODE

CAS NUMBER

% BY WEIGHT

STATE REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

California has not identified the ingredients listed in Section 3 as known to cause cancer or reproductive toxicity.

SECTION 16: OTHER INFORMATION

SDS STATUS: Revised sections 1, 2, 3, 6, 7, 8, 9, 10, 11, 12 and 16 on 07-12-17.

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

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