

Cognis Corporation

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Revised: 01/26/2007

PRODUCT NAME: AGNIQUE MMF MOSQUITO
LARVICIDE & PUPICIDE
PRODUCT DESCRIPTION: Ethoxylated Alcohol
CASRN: 881022-11-3
MANUFACTURER: Cognis Corporation
4900 Este Avenue
CINCINNATI, OH 45232
Phone: 888-329-2626 Fax: 513-482-5515
EMERGENCY NUMBERS:
CHEMTREC: 800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CONCENTRATION (Wt.%)	EXPOSURE LIMITS
Poly (oxy-1,2-ethanediyl), alpha-(C16-20 branched and linear alkyl)-w-hydroxy		
CASRN 881022-11-3	100.0	None Established

SECTION 3: HAZARDS IDENTIFICATION

***** Emergency *****
***** Overview *****

WARNING!

May cause minor eye irritation on prolonged or repeated contact.

Light Yellow Liquid

SKIN CONTACT:

This material is not classified as a skin irritant.

EYE CONTACT:

May cause minor eye irritation on prolonged or repeated contact.

INHALATION:

Considered to be non-toxic by animal tests.

INGESTION:

Similar materials are not considered toxic.

CHRONIC EFFECTS:

None Known.

OTHER HEALTH EFFECTS:

None known.

PRIMARY ROUTES OF EXPOSURE: Inhalation, Skin

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:

Wash affected area with soap and water.

EYE CONTACT:

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention if irritation develops.

INHALATION:

If overexposure to vapor or mist occurs, immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably mouth to mouth. Get medical attention immediately.

INGESTION:

If swallowed, get medical assistance. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 365 Deg F ()

LFL: Not Determined

UFL: Not Determined

AUTOIGNITION TEMPERATURE Not Determined

RECOMMENDED EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam, Water spray

SPECIAL FIRE FIGHTING PROCEDURES:

Use water spray, dry chemical, foam or carbon dioxide. Water may be ineffective but should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

Perform only those fire fighting procedures for which you have been trained. Firefighters should wear self contained breathing apparatus in the positive pressure mode with a full facepiece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:

Decomposition may produce carbon monoxide and carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IN CASE OF SPILL OR LEAK:

Add dry material to absorb spill (if large spill, dike to contain).
Using recommended protective equipment, pick up bulk of spill and
containerize for recovery or disposal. Flush area with water to remove
residues.

SECTION 7: HANDLING AND STORAGE

Container disposal: Triple rinse then offer for recycling or
reconditioning, or puncture and dispose in a sanitary landfill or by
other procedures approved by state or local authorities.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

Safety glasses with side shields

SKIN PROTECTION:

Rubber gloves

RESPIRATORY PROTECTION:

Not applicable with adequate ventilation.

ENGINEERING CONTROLS:

General ventilation.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Light Yellow Liquid

ODOR: Mild

ODOR THRESHOLD: Not Determined

pH: 6.9 @ 1 %

MELTING POINT: <25 Deg C

BOILING POINT: >100 Deg C

SPECIFIC GRAVITY: 0.890

SOLUBILITY IN WATER: Slight (0.1 to 1 %)

PERCENT VOLATILES (by Wt.): Not Determined

VAPOR DENSITY: Heavier than Air

VAPOR PRESSURE: Not Determined

EVAPORATION RATE (N-BUTYL ACETATE=1): Not determined

VOC CONTENT (EPA Method 24): Not Determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBLE MATERIALS:
Strong acids, bases and oxidizing agents.

CONDITIONS TO AVOID:
Avoid contact with heat, sparks, flame and all sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS:
Decomposition produces carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicity information available or testing conducted on this product.
Any health or toxicological information included in Section 3 was based
on data associated with the components or an analogous product.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL TOXICITY:
Not Determined

ENVIRONMENTAL FATE:
Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

All recovered material should be packaged, labeled, transported, and
disposed or reclaimed in conformance with applicable laws and
regulations and in conformance with good engineering practices. Avoid
landfilling of liquids. Reclaim where possible.

SECTION 14: TRANSPORTATION INFORMATION

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, NOS (Alcohol C12-C16 Poly (1-6)
Ethoxylate), 9, PG III, ERG# 171 ATTACHED,
INSECTICIDES, FUNGICIDES, INSECT/ANIMAL

REPELLENTS, NOI NMFC: 102120

The information provided is for domestic highway transportation only. This product may be regulated differently when shipped in other types of containers or by modes other than that addressed by this section of the MSDS. For information, please contact Regulatory Affairs at 513/482-5022.

For RQ applicability, please see Section XV.

SECTION 15: REGULATORY INFORMATION

TSCA INVENTORY STATUS:

This product is excluded pursuant to Section 3(2)(B)(ii) of the Toxic Substances Control Act.

TSCA 12(b) COMPONENTS:

None

SARA 311/312 HAZARD CATEGORIES: Acute

SARA 313 TOXIC CHEMICALS:

None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:

Ethylene Oxide(75-21-8) < 0.0010 %

CERCLA HAZARDOUS SUBSTANCES:

Ethylene Oxide(75-21-8) < 0.0010 %

1,4-Dioxane(123-91-1) < 0.0100 %

CALIFORNIA PROPOSITION 65 COMPONENTS:

WARNING ! This product contains a chemical (or chemicals) known to the State of California to cause cancer, birth defects and/or other reproductive harm.

Ethylene Oxide(75-21-8) < 0.0010 %

1,4-Dioxane(123-91-1) < 0.0100 %

SECTION 16: OTHER INFORMATION

HMIS RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

NFPA RATINGS: HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: None

THE FOLLOWING WARNING INFORMATION IS PROVIDED ON THE LABEL FOR THIS PRODUCT:

WARNING!

May cause minor eye irritation on prolonged or repeated contact.

FIRST AID - INHALATION:

If overexposure to vapor or mist occurs, immediately remove victim to

fresh air. If victim has stopped breathing give artificial respiration, preferably mouth to mouth. Get medical attention immediately.

FIRST AID - SKIN CONTACT:

Wash affected area with soap and water.

FIRST AID - EYE CONTACT:

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention if irritation develops.

FIRST AID - INGESTION:

If swallowed, get medical assistance. Do not induce vomiting.

HANDLING AND STORAGE:

Container disposal: Triple rinse then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill or by other procedures approved by state or local authorities.

ABBREVIATIONS USED:

ND or N/D = Not Determined

NA or N/A = Not Applicable or Not Available

NE or N/E = Not Established

N/AP = Not Applicable

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Cognis Corporation as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Cognis Corporation assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

PREPARED BY:

Robert E. Borgerding
Cognis Corporation
Product Safety/Regulatory Affairs
4900 Este Avenue
Cincinnati, OH 45232

513/482-2820 (Voice) 513/482-2862 (Fax)