

Cognis Corporation

Material Safety Data Sheet

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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION  
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Revised: 07/11/2006  
Supercedes: 07/11/2006

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

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS  
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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

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SECTION 3: HAZARDS IDENTIFICATION  
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\*\*\*\*\* Emergency \*\*\*\*\*  
\*\*\*\*\* Overview \*\*\*\*\*

WARNING!

May cause minor eye irritation on prolonged or repeated contact.

Light Yellow Liquid

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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

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SECTION 4: FIRST AID MEASURES  
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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.

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SECTION 5: FIRE FIGHTING MEASURES  
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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.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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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.

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SECTION 7: HANDLING AND STORAGE

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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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE PROTECTION:

Safety glasses with side shields

SKIN PROTECTION:

Rubber gloves

RESPIRATORY PROTECTION:

Not applicable with adequate ventilation.

ENGINEERING CONTROLS:

General ventilation.

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SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

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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

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SECTION 10: STABILITY AND REACTIVITY  
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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.

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SECTION 11: TOXICOLOGICAL INFORMATION  
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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.

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SECTION 12: ECOLOGICAL INFORMATION  
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ECOLOGICAL TOXICITY:  
Not Determined

ENVIRONMENTAL FATE:  
Not Determined

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SECTION 13: DISPOSAL CONSIDERATIONS  
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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.

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SECTION 14: TRANSPORTATION INFORMATION  
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ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS  
(Alcohol C12-C16 Poly (1-6) Ethoxylate),  
9, UN3082, PG III,  
Marine Pollutant (Alcohol C12-C16 Poly (1-6))

Ethoxylate), 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.

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SECTION 15: REGULATORY INFORMATION  
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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 %

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SECTION 16: OTHER INFORMATION  
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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:

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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.

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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

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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.

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