

Material Safety Data Sheet

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AGNIQUE MMF G

SDS no. : 277842

Revision: 08/27/2007

printing date: 09/17/2007

1. Chemical product and company identification

Product name:

AGNIQUE MMF G

Supplier

Cognis Corporation
5051 Estecreek Drive
Cincinnati, OH 45232-1446
Phone: +1 (866) 910-0598
Fax-no.: +1 (513) 482-3576

Emergency Information Chemtrec:

+1-800-424-9300

2. Composition / information on ingredients

General chemical description:

Mosquito Larvicide & Pupicide in Pellet Form

COMPONENT:	CAS-No.	CONCENTRATION (Wt. %):
Proprietary component(s)		68.0
Poly(oxy-1,2-ethanediyl), .alpha.-(C16-20 branched and linear alkyl)-.omega.-hydroxy	881022-11-3	32.0

3. Hazards identification

EMERGENCY OVERVIEW

Low hazard for usual industrial or commercial handling.

State:

free-flowing
granulated
solid

Odor:

little intrinsic odour

Color(s):

light brown

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Routes of entry:

Inhalation, Skin contact

Potential Health Acute Effects:

Inhalation:

May cause respiratory irritation.

Skin contact:

not irritating

Eye contact:

May cause slight irritation.

Ingestion:

May be harmful if swallowed in large quantities.

Potential Chronic Health Effects:

None known

4. First aid measures

After inhalation:

Supply of fresh air, mouth-to-mouth resuscitation if necessary, keep warm. If adverse health effects persist seek medical advice.

After skin contact:

Wash thoroughly with soap and water.

After eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Do not rub eyes; mechanical action may cause corneal damage.

If adverse health effects develop seek medical attention.

After ingestion:

Do not induce vomiting.

Seek medical attention immediately.

5. Fire fighting measures

Flash point:

> 200.1 °F (> 93.4 °C)

no information

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Suitable extinguishing media:

Carbon dioxide.
Dry Chemical
Foam.
Water Spray

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.
Wear full protective clothing.

Hazardous combustion products:

Carbon dioxide., carbon monoxide

Additional fire fighting advice:

In case of fire, keep containers cool with water spray.
Water spray may be used to flush spills away from fire.

6. Accidental release measures

Process for cleaning and take-up:

Using adequate protective equipment, add dry material to absorb spill (if large spill, first dike to contain).
Pick up spilled material and containerize for recovery or disposal.
Flush area with water to remove residues.

7. Handling and storage

Storage:

Storage conditions to keep:

Ensure that storage and workrooms are adequately ventilated.
Keep container tightly sealed.

8. Exposure controls / personal protection

Indication for system design:

Ensure adequate ventilation.

Personal protection measures:

Respiratory protection:

Nuisance dust mask if use causes dusting.

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Hand protection:

Protective gloves made of rubber.

Eye protection:

Safety glasses with side shields.

9. Physical and chemical properties

General description:

State:	free-flowing granulated solid
Odor:	little intrinsic odour
Color(s):	light brown

Designation

Solubility in Water

Value

Appreciable (> 10%)

Method

no information

10. Stability and reactivity

Stability:

Dangerous decomposition products:

None if used for intended purpose.

Decomposition advices:

No decomposition if used according to specifications.

Reactivity:

Materials to avoid:

Strong Acids
Bases
Oxidizers

Hazardous polymerization:

Will not occur

11. Toxicological information

General toxicological information:

Any toxicological information included in this section is based upon data associated with the components or an analogous product.

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Acute oral toxicity:

LD50 > 5000 mg/kg body weight (analogy)

12. Ecological information

Acute fish toxicity:

LC50 > 100 mg product/l.

Advice of environmental fate:

Not determined.

13. Disposal considerations

Waste disposal of product:

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.

Reclaim where possible.

14. Transport information

U.S. Department of Transportation Ground (49 CFR):

Not dangerous goods

International Air Transportation (ICAO/IATA):

Proper shipping name:	Environmentally hazardous substance, liquid n.o.s. (alcohol C12-C16 poly (1-6) ethoxylate)
Hazard class or division:	9
Danger Labels:	9
Identification number:	UN 3082
Packing group:	III
RQ:	None

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Water Transportation (IMO/IMDG):

Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alcohol C12-C16 poly (1-6) ethoxylate)
Hazard class or division:	9
Danger Labels:	9
Identification number:	UN 3082
Packing group:	III
Marine pollutant:	Marine pollutant
ERG/EMS:	F-A;S-F
RQ:	None

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15. Regulatory information

TSCA Inventory Status:	This product is excluded pursuant to Section 3(2)(B)(ii) of the Toxic Substances Control Act [FIFRA Exclusion].		
SARA 311/312 Hazard Categories:	None		
TSCA 12(b) Components:	none		
SARA 313 Toxic Chemicals:	none		
SARA 302 Extremely Hazardous Substances:	US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)		
	Formaldehyde	CAS: 50-00-0	50PPM
	Oxirane	CAS: 75-21-8	3PPM
CERCLA Hazardous Chemicals:	US. EPA CERCLA Hazardous Substances (40 CFR 302)		
	Formaldehyde	CAS: 50-00-0	50PPM
	Oxirane	CAS: 75-21-8	3PPM
	1,4-Dioxane	CAS: 123-91-1	33PPM
California Proposition 65:	This product contains the following chemical/s known to the State of California to cause cancer and/or birth defects or other reproductive harm.		

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Formaldehyde	CAS: 50-00-0	50PPM
Oxirane	CAS: 75-21-8	3PPM
1,4-Dioxane	CAS: 123-91-1	33PPM

16. Other information

NFPA Rating (US)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	1
Flammability	1
Reactivity	0

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 being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is their any assumed 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.