



Issue Date 02-02-2015

Revision date 02-02-2015

Revision Number 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name

Additive Antimist Water Based

Other means of identification

Recommended use of the chemical and restrictions on use

Material Uses

Additive.

Uses advised against

Verify Applications

Details of the supplier of the safety data sheet

Manufacturer

Hangsterfer's Laboratories, Inc., 175 Ogden Road, Mantua, NJ 08051; Phone 856-468-0216, Fax 856-468-0200, Website: www.hangsterfers.com

Emergency telephone number

Emergency telephone number

Chemtrec 1-800-424-9300 in US

Canutec 1-613-996-6666 in Canada

For international assistance, dial Chemtrec US number 1-703-527-3887

2. Hazards Identification

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1). Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

Classification

Acute toxicity - Oral

Category 4

Label Elements

EMERGENCY OVERVIEW

WARNING

Hazard statements

HARMFUL IF SWALLOWED



Appearance Hazy Light

Physical state Liquid

Odor Mild

Hazards not otherwise classified (HNOC)

Other Information

• No additional remarks

3. Composition/information on Ingredients**Chemical Family** Straight Oil Type.

Chemical name	CAS-No	Weight-%
Diethylene glycol	111-46-6	29.9

4. First aid measures**First aid measures**

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.

Skin contact Wash skin with soap and water. Consult a physician if necessary.

Inhalation Remove to fresh air. Consult a physician if necessary.

Ingestion Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. Fire-fighting measures**Suitable extinguishing media**

Not applicable.

Unsuitable extinguishing media Not applicable.

Specific hazards arising from the chemical

None.

Hazardous combustion products Carbon oxides.

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.

Other Information Report spills as required to the appropriate authorities.

Environmental precautions

Environmental precautions No information available.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Take up mechanically, placing in appropriate containers for disposal.

7. Handling and Storage

Precautions for safe handling

Handling Avoid contact with skin and eyes. Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight.

Incompatible materials None known.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses with side-shields.

Skin and Body Protection Use protective gloves and clothing if contact with product is likely.

Respiratory protection If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Mild
Appearance	Hazy Light	Odor threshold	No information available
Color	Hazy Light		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8	
Melting point / freezing point	No information available	
Boiling point	No information available	
Flash point	Not flammable	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit	No unusual hazard	
Lower flammability limit	No unusual hazard	
Vapor pressure	No information available	
Vapor density	No information available	
Specific gravity	1.07	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	

Autoignition temperature	No unusual hazard
Decomposition temperature	No unusual hazard
Kinematic viscosity	4000 cSt @ 40°C / 7232 SUS @ 100°F
Dynamic viscosity	No information available
VOC Content, % Vol	Request additional information

10. Stability and Reactivity

Reactivity

No unusual hazard

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal use conditions.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

No additional remarks.

Incompatible materials

None known.

Hazardous decomposition products

Carbon oxides.

11. Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	No unusual hazard.
Eye contact	No unusual hazard.
Skin contact	No unusual hazard.
Ingestion	HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol 111-46-6	= 12565 mg/kg (Rat)	= 11890 mg/kg (Rabbit)	

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No unusual hazard.
Serious eye damage/eye irritation	No unusual hazard.
Sensitization	No known effect.
Mutagenic Effects	Not mutagenic in AMES Test.
Carcinogenicity	No known effect.
Reproductive effects	No known effect.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	No known effect.

Aspiration Hazard No unusual hazard.

Numerical measures of toxicity - Product Information

Oral LD50 > 5000 mg/kg (rat)
Dermal LD50 > 2000 mg/kg (rat)

12. Ecological Information

Ecotoxicity

70.1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Diethylene glycol 111-46-6	No information available	75200: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 29228 mg/L 15 min	LC50 = 0.3 mg/L 96 h

Persistence/Degradability

No additional remarks.

Chemical name	Log Pow
Diethylene glycol 111-46-6	-1.98

Other adverse effects No additional remarks

13. Disposal Considerations

Waste treatment methods

Waste Disposal Method Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport Information

DOT

UN-No UN3257
Proper shipping name Elevated Temperature Liquid, n.o.s., Bulk only. Non-Bulk or Bulk (ambient) is not regulated.
Hazard Class 9
Packing group III
Labels See above.
Description -

TDG

UN-No UN3257
Proper shipping name Elevated Temperature Liquid, n.o.s., Bulk only. Non-Bulk or Bulk (ambient) is not regulated.
Hazard Class 9
Packing group III
Labels See above.
Description -

IMDG/IMO

UN-No UN3257
Proper shipping name Elevated Temperature Liquid, n.o.s., Ambient is not regulated.

Hazard Class 9
Packing group III
Labels This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO
Description -

ADR/RID

UN-No Not regulated
Proper shipping name Not regulated
Hazard Class Not regulated
Packing group Not regulated
ADR/RID-Labels Not regulated
Description Not regulated

IATA

UN-No Not regulated
Proper shipping name Not regulated
Hazard Class Not regulated
Labels Not regulated
Packing group Not regulated
Description Not regulated

PG* : Packing group

Non-Bulk Quantity: In containers of 207.8 liters (55gallons) capacity or less, this product is not regulated.

15. Regulatory information

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight-%	SARA 313 - Threshold Values %
Diethylene glycol - 111-46-6	111-46-6	29.9	

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard No
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. Regulations & Inventories**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

The table below lists any regulatory or inventory listing information found for ingredients of this product which are considered hazardous. All other components are either listed on the TSCA inventory or are exempt from listing. See Section 16 for explanation of column headings.

Chemical name	New Jersey	Massachusetts	Pennsylvania
Diethylene glycol 111-46-6			X

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

<u>NFPA</u>	HEALTH 1	Flammability 0	Instability 0	Physical hazard -
<u>HMIS</u>	HEALTH 1	Flammability 0	Physical Hazards 0	Personal Protection -

Issue Date 02-02-2015

Revision date 02-02-2015

Revision Summary

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS