

MATERIAL SAFETY DATA SHEET



PRODUCT
Microbe Guard DuraLast
Application Strength

EMERGENCY TELEPHONE NUMBER
(800)262-8200 (24 Hours) CHEMTREC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : MICROBE GUARD DuraLast
SYNONYMS: None
CHEMICAL DESCRIPTION : Organosilane
COMPANY IDENTIFICATION : Microbe Guard Inc
6901 East Fish Lake Road, Suite 132
Maple Grove, MN 55369
Ph: 866-601-6653
EMERGENCY TELEPHONE NUMBER : (800)262-8200 (24 Hours) CHEMTREC

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Substance(s)</u>	<u>CAS NO.</u>	<u>% Vol</u>	<u>OSHA (PEL)</u>	<u>ACGIH (TLV)</u>
3-(Trimethoxysilyl)propyldimethyloctadecyl ammonim chloride	27668-52-6	2.0%	None	None
Deionized Water	7732-18-5	98%	None	None

SECTION 2 NOTES: None

The above information is not intended for use in preparing product specifications.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Warning:

SLIGHTLY IRRITATING TO THE EYES. HARMFUL IF INJECTED OR INHALED.

Do not get in eyes or on clothing. Avoid contact with skin or clothing, and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before use.

PRIMARY ROUTES OF ENTRY :
Inhalation, skin contact, ingestion, and eye contact

POTENTIAL HEALTH EFFECTS :

EYES:
Slightly irritating to the eyes

MATERIAL SAFETY DATA SHEET



PRODUCT
Microbe Guard DuraLast
Application Strength

EMERGENCY TELEPHONE NUMBER
(800)262-8200 (24 Hours) CHEMTREC

SKIN: May cause slight irritation.

INGESTION : Harmful if swallowed.

INHALATION : Harmful if inhaled.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known

CARGINOGENS:

OSHA: No ACGIH: No NTP: No IARC: No

SECTION 3 NOTES: none

4. FIRST AID MEASURES

EYES: Hold eye open and flush with a steady, gentle stream of water for 15-20 minutes. If present remove contact lenses after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If not breathing, give artificial respiration. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMALBE LIMITS IN AIR :	UPPER: N/A
	LOWER: N/A
FLASH POINT:	N/A
EXTINGUISHING MEDIA:	N/A
SPECIAL FIRE FIGHTING PROCEDURES:	N/A
UNUSUAL FIRE AND EXPOLSION HAZARDS:	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	N/A

SECTION 5 NOTES: None

6. ACCIDENTAL RELEASE MEASURES

ACCIDENTIAL RELEASE MEASURES :

For small spills, hose away with water.

For large spills, transfer to suitable container for disposal.

SECTION 6 NOTES: This material will be slippery if spilled.

MATERIAL SAFETY DATA SHEET



PRODUCT
Microbe Guard DuraLast
Application Strength

EMERGENCY TELEPHONE NUMBER
(800)262-8200 (24 Hours) CHEMTREC

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Do not get into eyes. For sensitive skin, wear gloves (rubber/latex) when handling product. Store away from heat and direct sunlight.

SECTION 7 NOTES: None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: To avoid eye contact, wear goggles.

SKIN PROTECTION: Rubber/Latex gloves for sensitive skin.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

SECTION 8 NOTES: None

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Clear, colorless liquid
ODOR	Odorless
SPECIFIC GRAVITY	Not available
SOLUBILITY IN WATER	Complete
pH	5.17
FREEZING POINT	Not available
BOILING POINT	Not available
MELTING POINT	Not available
VAPOR PRESSURE	Not available
VISCOSITY	<85.5mPa•s
VOLATILE CONTENT	Not available
PERCENT SOLIDS BY WEIGHT	Not available

SECTION 9 NOTES: None

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION : Will not occur

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Will not occur

CONDITIONS TO AVOID : Do not mix with cleaners, do not freeze, and avoid heat and direct sunlight.

SECTION 10 NOTES: None

MATERIAL SAFETY DATA SHEET



PRODUCT

Microbe Guard DuraLast
Application Strength

EMERGENCY TELEPHONE NUMBER

(800)262-8200 (24 Hours) CHEMTREC

11. TOXICOLOGICAL INFORMATION

The following results are for the product.

TOXICITY: Eye Irritation: Minimally irritating to eyes (Rabbit)

SECTION 11 NOTES: None

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL EFFECTS : This pesticide is toxic to fish. Do not apply to water by cleaning of equipment or disposal of pesticide.

SECTION 12 NOTES: None

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste resulting from the use of this product may be disposed of on site.

SECTION 13 NOTES: None

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not required

SECTION 14 NOTES: None

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

PREPARATION INFORMATION: Prepared by Microbe Guard Inc.

DISCLAIMER: This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Date issued : 1/12/05
Replaces : 06/30/2003