

GERM BLOC

ANTIMICROBIAL ™

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION:

MANUFACTURER WILLSPEED TECHNOLOGY.
 2121 EAST PLAZA LOOP
 Nampa Idaho
 83687
 208-608-9658

EMERGENCY PHONE NUMBER InfoTrac 800-535-5053 (day/night)
 PRODUCT NAME germbloc
 CHEMICAL FAMILY Organosilane
 EPA Registration # 87583-2
 Last Revision Date 7/8/2011

II. PHYSICAL DATA

BOILING POINT >210°F	SOLUBILITY (WATER)..... Soluble
VAPOR PRESSURE N/A	ODOR..... Mild
VAPOR DENSITY N/A	APPEARANCE Clear liquid
% VOLATILES..... ND	EVAPORATION RATE (water =1)
pH of PRODUCT approx 5.0	SPECIFIC GRAVITY 1.003

III. CHEMICAL COMPONENTS

COMPONENT	C.A.S.#	HAZARD	from% - to%	T.L.V.
(1) 3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium chloride	27668-52-8	Irritant	5.00 %	None

IV. FIRE AND EXPLOSION DATA

FLASH POINT (°F)..... N/A
 FLAMMABLE LIMITS: (upper) N/A (lower) N/A
 EXTINGUISHING MEDIA .. Dry chemicals, foam, carbon dioxide, water spray.
 SPECIAL FIRE-FIGHTING PROCEDURES Must be equipped with self contained breathing apparatus.
 Cool heated drums with water spray to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS... None

V. HEALTH HAZARD DATA

Harmful if swallowed, inhaled or absorbed through the skin.
 TLV..... NO ACGIH TLV PUBLISHED PEL..... NO OSHA PEL PUBLISHED
 EYES..... Prolonged contact may cause irritation.
 SKIN Prolonged contact may cause irritation.
 INHALATION Harmful if inhaled.
 INGESTION .. Harmful if swallowed.
 EFFECTS OF OVEREXPOSURE...Not known

***** FIRST AID *****

*EYES: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

SKIN: Remove clothing if necessary, rinse skin, if irritation persists get medical attention.

INHALATION: Remove to fresh air. If not breathing, Call 911 and then give artificial respiration.

INGESTION: Do not induce vomiting. 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 give anything to an unconscious person.

In all cases call Poison Control Center or Doctor for treatment advice.

VI. REACTIVITY DATA

STABILITY STABLE
CONDITIONS TO AVOID Do not mix with cleaners, do not freeze, and avoid heat.
INCOMPATIBILITY..... Sodium oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID:

VII. SPILL OR LEAK PROCEDURES

X STOP FLOW X AVOID SKIN CONTACT BURY IN REMOTE AREA
NEUTRALIZE ELIMINATE ALL SOURCES X OBSERVE FEDERAL
X ABSORB OR SCRAPE OF IGNITION OR FLAME SPILL & WATER
UP MATERIAL WASH AWAY WITH WATER QUALITY REGULATIONS
X AVOID INHALATION VACUUM UP USE AS LANDFILL

DISPOSAL CONSIDERATION

Product/Soil/Water maybe subject to RCRA/OSHA hazardous waste. Landfill solids at permitted sites. Follow all federal, state and local waste management regulations.. Where permissible, consider discharge to TW, biological treatment, or incineration. To inactivate product, add anionic surface or detergent in equal amount to the product.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY..... Utilize respiratory equipment in accordance to 29 CFR1910.134 if other protective measures do not control adequately control exposures.
SKIN..... Rubber or plastic gloves
EYES..... To avoid eye contact wear goggles
VENTILATION X General Ventilation Local Exhaust
OTHER PROTECTION Consider long sleeves, long pants, and apron. Eye wash and safety shower should be in area of use.

IX. SPECIAL PRECAUTION

No special precautions beyond routine prudent safe handling of chemical substances are necessary.

X. REGULATORY INFORMATION

DOT SHIPPING NAME..... NOT REGULATED BY DOT
HAZARD CLASS / #..... NONE / PACKING GROUP:
UN/NA NONE REPORTABLE QTY /
S.A.R.A. See Section III
T.S.C.A..... All chemicals are listed on the TSCA inventory
O.S.H.A. HAZARD CLASS: HEALTH 2 REACTIVITY..... 1
FLAMMABILITY 0 PERSONAL PROTECTION B

XI. MISCELLANEOUS

COMPANY CONTACT: Dan Hill

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