



Manufacturers of Carpet Cleaning Equipment,  
Chemicals, and Janitorial Supplies.  
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**MATERIAL SAFETY DATA SHEET**  
**AND SAFE HANDLING AND DISPOSAL INFORMATION**

**DATE:** FEBRUARY 20, 1995

**PRODUCT NAME:** GERM-B-GONE

**SUPERSEDES:** ALL OTHERS

**PRODUCT NUMBER:** 5042

**PG 1/2**

**SECTION I - EMERGENCY CONTACTS**

NAMCO MANUFACTURING INC. (713) 932-8293 OR (800) 634-5816

POISON CENTER: (800) 764-7661

**SECTION II - HAZARDOUS INGREDIENTS-**

PROPANE: CAS NO 74-98-6 OSHA PEL 800ppm ACGIH-TLV 800ppm

ISOBUTANE: CAS NO 75-28-5 OSHA PEL 1000ppm ACGIH-TLV ASHYXIANT

\*2-BUTOXYETHANOL: CAS NO 111-76-2 OSHA PEL 25ppm (skin) ACGIH-TLV 25ppm (skin) %(Opt.) 1-2.5

\*2-(2-ETHOXYETHOXY) ETHANOL: CAS NO 111-90-0 OSHA PEL not established ACGIH-TLV not established %(Opt.) 1-2.5.

\*THIS PRODUCT CONTAINS 2-BUTOXYETHANOL AND 2-(2-ETHOXYETHOXY-ETHANOL (GLYCOL ETHER COMPOUNDS) WHICH ARE LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEC 313 IF USED OVER THE THRESHOLD REPORTING QUANTITY. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

**SECTION III - PHYSICAL DATA**

**SOLUBILITY IN WATER:** Complete

**SPECIFIC GRAVITY :** 1.01

**VAPOR DENSITY:** < 1

**pH:** 11 ± 0.5

**EVAPORATION RATE:** no data

**BOILING POINT:** 212 F

**PRESSURE (psig Hg @ 70 F):** 60 ± 5

**PHYSICAL DESCRIPTION:** CLEAR LIQUID WITH LEMON SCENT. DISPENSED AS A WET FOAM FROM AN AEROSOL CAN.

**SECTION IV - FIRE & EXPLOSION HAZARD DATA -**

NOT FLAMMABLE

**EXTINGUISHING MEDIA:** NOT USUALLY NECESSARY AS THIS PRODUCT DOES NOT READILY SUPPORT COMBUSTION. USE AN EXTINGUISHING AGENT APPLICABLE TO THE FIRE'S FUEL SOURCE (I.E. - CARBON DIOXIDE, DRY CHEMICAL, FOAM, FOG AND WATER SPRAY).

**SPECIAL FIRE FIGHTING PROCEDURES:** USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** AEROSOL CONTAINER (PRESSURED) MAY BURST IF HEATED OVER 120 F.

HEALTH	: 1
FIRE	: 0
REACTIVITY	: 0
MAX PERSONAL PROTECTION	: B

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**SECTION V - REACTIVITY DATA -****STABILITY:** STABLE**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE, NITRIC ACID, HYDROCHLORIC ACID, AND NITROUS OXIDE.**INCOMPATIBILITY (MATERIALS TO AVOID):** STRONG ACIDS AND OXIDIZERS.

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**SECTION VI - SPILL OR LEAK PROCEDURES -****SPILL OR RELEASE CONTROLS -** CAUTION, SLIP HAZARD. PICK UP SMALL SPILLS WITH RAG OR TOWEL. FOR LARGE SPILLS, ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. VACUUM OR PICK UP ON ABSORBENT. PUT IN SUITABLE CONTAINER FOR PROPER DISPOSAL.

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**WASTE DISPOSAL METHOD -** PESTICIDE WASTES: DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. WASTE RESULTING FROM THE USE OF THIS PRODUCT MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY. FOLLOW SPECIAL INSTRUCTIONS FOR HIV-1 DISINFECTS ION PROCEDURES. EMPTY CONTAINER - REPLACE CAP AND DISCARD IN TRASH. DO NOT PUNCTURE OR INCINERATE. CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

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**SECTION VII - STORAGE & HANDLING INFORMATION****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE -** AVOID GETTING PRODUCT IN EYES. AVOID CONTACT WITH SKIN AND CLOTHING. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING. CONTENTS UNDER PRESSURE. DO NOT STORE NEAR HEAT, SPARKS, OR FLAME. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. DO NOT PUNCTURE OR INCINERATE CONTAINER.

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**SECTION VIII - HEALTH HAZARDS****EFFECTS OF OVEREXPOSURE:****SKIN:** REDNESS, DRYING, CRACKING, AND IRRITATION OF SKIN.**EYES:** REDNESS, TEARING, BURNING IN EYES.**INHALATION:** DIZZINESS, NAUSEA, AND LOSS OF COORDINATION POSSIBLE IF INADEQUATE VENTILATION.**FIRST AID PROCEDURES:****SKIN:** FLUSH EXPOSED AREA WITH LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.**INHALATION:** GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.**INGESTION:** IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN.**EYES:** FLUSH WITH LARGE QUANTITIES OF WATER (FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL). SEEK MEDICAL ATTENTION.

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**SECTION IX - SPECIAL PROTECTION INFORMATION****RESPIRATORY INFORMATION -** NO SPECIAL REQUIREMENTS, USE WITH ADEQUATE VENTILATION.**PROTECTIVE GLOVES -** WATERPROOF RECOMMENDED**EYE PROTECTION -** SAFETY GLASSES**VENTILATION:** PROVIDE LOCAL EXHAUST.

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