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MSDS

Common Name: TOUGH GUY BAHAMA BREEZE AIR FRESHENER**Manufacturer:** W.W. GRAINGER**MSDS Revision Date:** 8/30/2007**MSDS Format:** No Format Specified**Grainger Item Number(s):** 2DBZ3**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

HMIS (R*) :

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	NONE

IDENTITY: TOUGH GUY BAHAMA BREEZE AIR FRESHENER

PART NUMBER: 2DBZ3

NOTE:

BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

SECTION 1: COMPANY IDENTIFICATION



MANUFACTURED FOR: W.W. GRAINGER, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):

100 GRAINGER PARKWAY
LAKE FOREST, IL 60045

EMERGENCY TELEPHONE NUMBER: 1-800-228-5635

TELEPHONE NUMBER FOR INFORMATION: 1-847-535-5400

SIGNATURE OF PREPARER (OPTIONAL):

SECTION 2: INGREDIENTS/IDENTITY INFORMATION



COMPONENTS (CHEMICAL IDENTITY, COMMON NAME(S))	CAS NO.	OSHA PEL	ACGIH- TLV	OTHER LIMITS RECOMMENDED	% (OPT.)
ACETONE	67-64-1	1000 PPM	500 PPM	STEL: 750 PPM	40 - 70%
ISOBUTANE	75-28-5	800 PPM	800 PPM		10 - 30%
PROPANE	74-98-6	1000 PPM	2500 PPM		5 - 10%

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

SECTION 3: HAZARDS IDENTIFICATION



ROUTE(S) OF ENTRY:

EYES?: YES

INHALATION?: YES

SKIN?: YES

INGESTION?: YES

ACUTE HEALTH HAZARDS:

WARNING. FLAMMABLE CONTENTS. CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED, BUT THIS IS UNLIKELY AS THE PRODUCT IS A MIST WHEN SPRAYED. INTENTIONAL OVEREXPOSURE TO MIST OR VAPORS MAY RESULT IN ANESTHETIC OR CENTRAL NERVOUS SYSTEM EFFECTS.

CHRONIC HEALTH HAZARDS: NONE KNOWN

CARCINOGENICITY:

CHEMICAL: NONE

OSHA: NO

NTP: NO

IARC: NO

SIGNS AND SYMPTOMS OF EXPOSURE:

IRRITATION OF NOSE, THROAT, SKIN OR EYES. DRYNESS OF SKIN. DROWSINESS, DIZZINESS, FATIGUE OR LOSS OF COORDINATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING SKIN, LIVER OR KIDNEY DISORDERS MAY BE ADVERSELY AFFECTED. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES



EYES:

FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: UNLIKELY AS THIS PRODUCT IS A MIST WHEN USED.

INHALATION:

GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.

SKIN:

WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION ARISES AND PERSISTS, CALL A PHYSICIAN.

SECTION 5: FIRE FIGHTING MEASURES



USA FLAME PROJECTION TEST (ASTM D-3065): 10", NO FLASHBACK

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

EXTINGUISHING MEDIA:

WATER MAY BE INEFFECTIVE. USE CARBON DIOXIDE, DRY CHEMICAL, FOAM OR FOG. CONCENTRATE IS HIGHLY VOLATILE AND FLAMMABLE. VAPORS MAY TRAVEL ALONG GROUND TO IGNITION SOURCES.

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.

HAZARDOUS PRODUCTS OF COMBUSTION:

CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 120 DEG. F. CONTENTS ARE HIGHLY VOLATILE AND FLAMMABLE.

SECTION 6: ACCIDENTAL RELEASE MEASURES



SMALL SPILL: CAUTION, SLIP HAZARD. WIPE UP SMALL SPILLS PROMPTLY.

LARGE SPILL:

ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. PICK UP WITH AN ABSORBENT MATERIAL AND PUT IN A SUITABLE CONTAINER FOR PROPER DISPOSAL. CLEAN ANY RESIDUES FROM LARGE SPILLS WITH A SUITABLE SOAP OR DETERGENT.

SECTION 7: HANDLING AND STORAGE



HANDLING:

DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, STATIC ELECTRICITY, WELDING ARCS, ETC. DO NOT SMOKE WHILE USING. DO NOT GET IN EYES. AVOID CONTACT WITH SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID DIRECTLY INHALING MISTS. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. SPRAY CAN IN UPRIGHT POSITION ONLY. DIRECT SPRAY AWAY FROM FACE. DO NOT PUNCTURE OR INCINERATE CONTAINER.

STORAGE:

STORE IN A COOL (UNDER 120 DEG. F) DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME AND DIRECT SUNLIGHT. KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**EYE PROTECTION:**

NOT USUALLY NEEDED. WEAR APPROVED SAFETY GLASSES OR GOGGLES IF DIRECT CONTACT IS POSSIBLE.

SKIN PROTECTION:

NOT USUALLY NEEDED. WEAR GLOVES IF DIRECT CONTACT IS POSSIBLE.

RESPIRATORY PROTECTIONS:

NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.

ENGINEERING CONTROLS:

VENTILATION NOT USUALLY NECESSARY BUT SHOULD BE PROVIDED IN THE EVENT OF OVEREXPOSURE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE AND ODOR:**

CLEAR COLORLESS LIQUID WITH A FRESH SCENT IN AN AEROSOL CAN.

pH: NOT APPLICABLE

SPECIFIC GRAVITY (70 DEG. F): 0.792

BOILING POINT: 133 DEG. F

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): NO DATA

PRESSURE (PSIG. @ 70 DEG. F): 40 +/- 5

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: COMPLETE

VOLATILE ORGANIC COMPOUNDS (VOCS):

129.5 GRAMS PER LITER OR 30% BY WEIGHT VOCS

SECTION 10: STABILITY AND REACTIVITY**HAZARDOUS POLYMERIZATION:**

THIS PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION
BY-PRODUCTS.

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):
STRONG OXIDIZERS AND MINERAL ACIDS, PERMANGANATES, CHROMATES AND CHLORINE.

SECTION 11: TOXICOLOGICAL INFORMATION



NO DATA

SECTION 12: ECOLOGICAL INFORMATION



NO DATA

SECTION 13: DISPOSAL CONSIDERATION



DISPOSAL METHOD:
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL
REGULATIONS.

RCRA WASTE INFORMATION:
IF THIS PRODUCT BECOMES A WASTE, IT WOULD A HAZARDOUS WASTE (D001) AS
DEFINED BY RCRA (40 CFR 261). HOWEVER THE WASTE SHOULD BE PROPERLY
CHARACTERIZED TO EVALUATE WHETHER ITS COMPOSITION HAS BEEN MODIFIED PRIOR
TO DISPOSAL.

SECTION 14: TRANSPORT INFORMATION



DOT INFORMATION - 49 CFR 172.101:
PROPER SHIPPING DESCRIPTION: CONSUMER COMMODITY
HAZARD CLASS: ORM-D
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

WATER TRANSPORTATION:
PROPER SHIPPING DESCRIPTION: AEROSOLS
HAZARD CLASS: 2
IDENTIFICATION NUMBER: UN 1950
PACKING GROUP: NONE

AIR TRANSPORTATION:
PROPER SHIPPING DESCRIPTION: AEROSOLS, FLAMMABLE
HAZARD CLASS: 2.1
IDENTIFICATION NUMBER: UN 1950
PACKING GROUP: NONE

MARINE POLLUTANTS: NONE

SECTION 15: REGULATORY INFORMATION



US FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS:

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

CERCLA RQ - 40 CFR 302.4 (A):

ACETONE (CAS# 67-64-1) 5000 LBS.

SARA 313 COMPONENTS - 40 CFR 372.65: NONE

STATE AND LOCAL REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS TRACE CHEMICALS (BENZENE) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND REPRODUCTIVE HARM.

SECTION 16: ADDITIONAL INFORMATION

DATE PREPARED: 08/30/07

WARNING!

THE USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURER; THEREFORE, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE AS TO THE EFFECTS OF SUCH OR THE RESULTS TO BE OBTAINED IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. THE USER MUST ASSUME ALL RESPONSIBILITY, INCLUDING INJURY OR DAMAGE, RESULTING FROM ITS MISUSE AS SUCH, OR IN COMBINATION WITH OTHER MATERIALS. THE MANUFACTURER WARRANTS ONLY THAT THIS PRODUCT MEETS THE MANUFACTURER'S SPECIFICATIONS FOR SUCH PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY. FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. THE SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER FOR BREACH OF WARRANTY SHALL BE REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT IN THE EVENT THAT A DEFECTIVE CONDITION OF THE PRODUCT SHALL BE FOUND TO EXIST. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.