

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: B1410

This MSDS should be attached or kept with the respective product with which it is associated.

\*\*\*\*\* MATERIAL SAFETY DATA SHEET - B1410 \*\*\*\*\* SECTION 5: FIRE FIGHTING MEASURES \*\*\*\*\*

MATERIAL SAFETY DATA SHEET

HMS (R\*): HEALTH 1, FLAMMABILITY 1, REACTIVITY 1, PERSONAL PROTECTION A

IDENTITY: TOUGH GUY WASP & HORNET KILLER

PART NUMBER: 2DCB5

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

Table with 6 columns: COMPONENTS (CHEMICAL IDENTITY, COMMON NAME (S)), CAS NO., OSHA PEL, ACGIH TLV, OTHER LIMITS RECOMMENDED, % (OPT.)

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: CAUTION. CAUSES MODERATE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. UNLIKELY TO BE SWALLOWED, BUT CONTAINS PETROLEUM DISTILLATES WHICH MAY PRESENT AN ASPIRATION HAZARD IF SWALLOWED. MAY BE HARMFUL IF INHALED.

CHRONIC HEALTH HAZARDS: PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS. FOLLOW LABEL INSTRUCTIONS AND GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

CARCINOGENICITY: CHEMICAL: NONE, OSHA: NO, NTP: NO, IARC: NO

SIGNS AND SYMPTOMS OF EXPOSURE: REDNESS, DRYNESS, SCALING OR ITCHING SKIN. EXCESSIVE INHALATION OF VAPORS MAY CAUSE HEADACHES, STUPOR, OR IRRITATION OF THROAT AND EYES. SWALLOWING MAY CAUSE IRRITATION OF STOMACH AND INTESTINES RESULTING IN NAUSEA AND VOMITING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING SKIN AND KIDNEY CONDITIONS MAY BE ADVERSELY AFFECTED. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THIS HAZARD.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH PLENTY OF WATER (FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO INSURE COMPLETE REMOVAL.) CALL A PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: UNLIKELY FROM AEROSOL CAN. IF LARGE QUANTITIES ARE SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GET IMMEDIATE MEDICAL ATTENTION.

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

SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION ARISES AND PERSISTS.

NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATES (>80%).

SECTION 5: FIRE FIGHTING MEASURES

USA FLAME PROJECTION TEST (ASTM D-3065): 0", NO FLASHBACK

FLAMMABLE LIMITS: NO DATA, LEL: NO DATA, UEL: NO DATA

EXTINGUISHING MEDIA: TREAT AS AN OIL FIRE. WATER MAY CAUSE FIRE TO FLOAT AND SPREAD. USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

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, OXYGEN, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 130 DEG. F. COMBUSTIBLE CONTENTS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SMALL SPILL: CAUTION, SLIP HAZARD. WIPE UP SMALL SPILLS PROMPTLY. THOROUGHLY CLEAN ANY RESIDUES WITH AN EFFECTIVE CLEANING COMPOUND.

LARGE SPILL: ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. PREVENT FROM ENTERING DRAINS, SEWERS OR ANY WATERCOURSE OR WATERWAY. PICK UP WITH AN ABSORBENT MATERIAL. PUT IN A SUITABLE CONTAINER FOR PROPER DISPOSAL. THIS PRODUCT IS TOXIC TO FISH AND AQUATIC INVERTEBRATES.

SECTION 7: HANDLING AND STORAGE

HANDLING: AVOID CONTACT WITH EYES OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT SWALLOW. AVOID INHALING MIST OR VAPORS. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, STATIC ELECTRICITY, ELECTRIC MOTORS, WELDING ARCS, ETC. DO NOT SMOKE WHILE USING. EXPOSURE TO TEMPERATURES ABOVE 130 DEG. F MAY CAUSE BURSTING. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT APPLY DIRECTLY TO WATER.

STORAGE: FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL (UNDER 130 DEG. F) DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: YES, GOGGLES OR APPROVED SAFETY GLASSES (ANSI Z87)

SKIN PROTECTION: NOT USUALLY NEEDED. IF DIRECT CONTACT IS POSSIBLE, WEAR CHEMICAL RESISTANT GLOVES OR PPE.

RESPIRATORY PROTECTIONS: NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLVS ARE EXCEEDED (SEE SECTION II), FOLLOW NIOSH\MSHA RECOMMENDATIONS.

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 SLIGHT PETROLEUM ODOR IN AN AEROSOL CAN.

pH: NOT APPLICABLE

SPECIFIC GRAVITY (70 DEG. F): 0.811

BOILING POINT (CONCENTRATE): 430 DEG. F

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): NO DATA

PRESSURE (PSIG. @ 70 DEG. F): 90 +/- 5

VAPOR DENSITY (AIR = 1): GREATER THAN ONE (1)

SOLUBILITY IN WATER: NEGLIGIBLE

VOLATILE ORGANIC COMPOUNDS (VOCs): 0 GRAMS PER LITER OR 0% 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, OXYGEN, SMOKE, SOOT AND VARIOUS ORGANIC OXIDATION BY-PRODUCTS.

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):  
STRONG OXIDIZING AGENTS, ALKALI METALS, ALKALINE EARTH METALS, METAL  
ACETYLHALIDES AND CHROMIUM.

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 NOT BE A HAZARDOUS WASTE 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

AIR TRANSPORTATION:  
PROPER SHIPPING DESCRIPTION: AEROSOLS, NON-FLAMMABLE  
HAZARD CLASS: 2.2  
IDENTIFICATION NUMBER: UN 1950  
PACKING GROUP: NONE

MARINE POLLUTANTS: NONE

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

EPA PRODUCT REGISTRATION NUMBER: 11694-109-10637

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): NONE LISTED

SARA 313 COMPONENTS - 40 CFR 372.65:

NAME	CAS	PERCENTAGE
TETRAMETHRIN	7696-12-0	0.1%
PERMETHRIN	52645-53-1	0.26%
PIPERONYL BUTOXIDE	51-03-6	0.52%

STATE AND LOCAL REGULATIONS:

CALIFORNIA PROPOSITION 65: NONE

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.