

**Common Name:** TOUGH GUY CRAWLING INSECT KILLER

**Manufacturer:** W.W. GRAINGER

**MSDS Revision Date:** 8/30/2007

**Grainger Item Number(s):** 2DCB3

**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

HMIS (R\*) :

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	A

IDENTITY: TOUGH GUY CRAWLING INSECT KILLER

PART NUMBER: 2DCB3

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.)
ISOPARAFFIN	64742-47-8	5 MG/M3	5 MG/M3		7 - 13%
ISOBUTANE	75-28-5	800 PPM	800 PPM		7 - 13%
PROPANE	74-98-6	1000 PPM	2500 PPM		1 - 5%
PIPERONYL BUTOXIDE	51-03-6	NONE	NONE		<1%
PERMETHRIN	52645-53-1	NONE	NONE		<1%

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?: NO

INGESTION?: YES

ACUTE HEALTH HAZARDS:

CAUTION. HARMFUL IF INHALED. MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE SKIN IRRITATION. EXCESSIVE EXPOSURE TO VAPORS IN INADEQUATELY VENTILATED AREAS MAY INDUCE ANESTHETIC PROPERTIES. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES WHEN USING THIS AND OTHER INSECTICIDAL PRODUCTS.

CHRONIC HEALTH HAZARDS: NONE KNOWN

CARCINOGENICITY:

CHEMICAL: NONE

OSHA: NO

NTP: NO

IARC: NO

SIGNS AND SYMPTOMS OF EXPOSURE:

IRRITATION OF NOSE, THROAT OR RESPIRATORY TRACT. REDNESS OR IRRITATION OF SKIN OR EYES. OVEREXPOSURE TO VAPORS MAY CAUSE DROWSINESS, DIZZINESS, NAUSEA, LOSS OF COORDINATION OR CONSCIOUSNESS (EXTREME CONDITIONS) OR FATIGUE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SLIGHT SKIN IRRITATION TO THOSE WITH SENSITIVE SKIN. 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, AEROSOL) IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN. GET IMMEDIATE MEDICAL ATTENTION.

**INHALATION:**

REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. GET MEDICAL ATTENTION.

**SKIN:**

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

NOTE: CONTAINS PETROLEUM DISTILLATES.

**SECTION 5: FIRE FIGHTING MEASURES**

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

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

**EXTINGUISHING MEDIA:**

TREAT AS AN OIL FIRE. FLOATING FIRE MAY SPREAD. USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**SPECIAL FIRE FIGHTING PROCEDURES:**

USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. THIS PRODUCT IS TOXIC TO FISH. 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 130 DEG. F. CONTAINS COMBUSTIBLE LIQUIDS.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****SMALL SPILL:**

WIPE UP SMALL RELEASES WITH A DRY ABSORBENT CLOTH OR OTHER ABSORBENT MATERIAL.

**LARGE SPILL:**

ABSORB LIQUID WITH VERMICULITE, ABSORBENT CLOTH, OR OTHER ABSORBENT MATERIAL. PREVENT MATERIAL FROM ENTERING SEWERS OR DRAINS. VENTILATE AREA AND BLOCK TRAFFIC. TRANSFER CONTAMINATED MATERIAL INTO SUITABLE CONTAINER FOR PROPER DISPOSAL. THIS PRODUCT IS TOXIC TO FISH.

**SECTION 7: HANDLING AND STORAGE****HANDLING:**

DO NOT BREATHE VAPOR OR SPRAY MIST. DO NOT DELIBERATELY CONCENTRATE AND

INHALE VAPORS. DIRECT SPRAY AWAY FROM FACE. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, STATIC ELECTRICITY, ELECTRIC MOTORS, WELDING ARCS, ETC. DO NOT SMOKE WHILE USING. DO NOT USE THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD. DO NOT USE AROUND THE ELDERLY, INFIRM OR PATIENTS. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. VACATE ROOM AFTER TREATMENT AND VENTILATE BEFORE REOCCUPYING.

**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. PROTECT FROM FREEZING. STORE AT TEMPERATURES ABOVE 32 DEG. F AND BELOW 130 DEG. F. REPLACE CAP WHEN NOT IN USE. DO NOT PUNCTURE OR INCINERATE CONTAINER.

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



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

SKIN PROTECTION: NOT USUALLY NEEDED. IF DIRECT CONTACT POSSIBLE, IMPERVIOUS

**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:**

A THICK WHITE OPAQUE LIQUID THAT HAS A CHARACTERISTIC INSECTICIDE ODOR IN AN AEROSOL CAN.

pH: 7.0 +/- 0.5

SPECIFIC GRAVITY (70 DEG. F): 0.968

BOILING POINT: 212 DEG. F

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): NO DATA

PRESSURE (PSIG. @ 70 DEG. F): 65 +/- 5

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

SOLUBILITY IN WATER: DISPERSIBLE

**VOLATILE ORGANIC COMPOUNDS (VOCS):**

129.79 GRAMS PER LITER OR 14.98% 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 OXIDIZING AND STRONG REDUCING AGENTS, STRONG MINERAL ACIDS, OXYGEN, CHLORINE, PERMANGANATES, AND DICHROMATES.

## **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

WATER TRANSPORTATION:

PROPER SHIPPING DESCRIPTION: AEROSOLS

HAZARD CLASS: 2

IDENTIFICATION NUMBER: UN 1950

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: 11694-110-10637

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:  
PIPERONYL BUTOXIDE (CAS: 51-03-6) - 0.59%  
PERMETHRIN (CAS: 52645-53-1) - 0.24%

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.