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MSDS

**Common Name:** TOUGH GUY LEMON WAX FURNITURE POLISH**Manufacturer:** W.W. GRAINGER**MSDS Revision Date:** 8/30/2007**Grainger Item Number(s):** 2DBY8**Manufacturer Model Number(s):**

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#### MATERIAL SAFETY DATA SHEET

**HMIS (R\*) :**

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	NONE

IDENTITY: TOUGH GUY LEMON WAX FURNITURE POLISH

PART NUMBER: 2DBY8

**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.)
WATER	7732-18-5	NONE	NONE		60 - 100%
ISOPARAFFINIC HYDROCARBON (EXPOSURE AS MIST)	64742-47-8	5 MG/M3	5 MG/M3		10 - 30%
ISOBUTANE	75-28-5	800 PPM	800 PPM		5 - 10%
DIMETHICONE	63148-62-9	NONE	NONE		1 - 5%
PROPANE	74-98-6	1000 PPM	ASPHYXIANT		1 - 5%

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:

WARNING.

ASPIRATION HAZARD. MAY BE HARMFUL OR FATAL IF SWALLOWED. CONTAINS PETROLEUM DISTILLATES. MAY CAUSE EYE AND SKIN IRRITATION. MAY BE HARMFUL IF INHALED. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS. CONTENTS UNDER PRESSURE.

CHRONIC HEALTH HAZARDS:

MAY CAUSE CNS EFFECTS UPON PROLONGED OR REPEATED OVEREXPOSURE.

CARCINOGENICITY:

CHEMICAL: NONE  
 OSHA: NO  
 NTP: NO  
 IARC: NO

SIGNS AND SYMPTOMS OF EXPOSURE:

DRYNESS, REDNESS OF SKIN. REDNESS, TEARING, BURNING IN EYES. HEADACHE, DIZZINESS, FATIGUE, LOSS OF COORDINATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED IF SUBJECTED TO PROLONGED OR REPEATED OCCUPATIONAL OVEREXPOSURE.

## 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:**

INDUCE VOMITING ONLY UNDER THE DIRECTION OF A PHYSICIAN. IMMEDIATELY CONTACT A PHYSICIAN.

**INHALATION:**

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

**SKIN:**

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

**SECTION 5: FIRE FIGHTING MEASURES**

USA FLAME PROJECTION TEST (ASTM D-3065): 0" - NON-FLAMMABLE

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

**EXTINGUISHING MEDIA:**

USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, FOG, OR 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.

**HAZARDOUS PRODUCTS OF COMBUSTION:**

SILICA, FORMIC ACID, OXIDES OF CARBON, ALDEHYDES, SOOT AND SMOKE.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 120 DEG. F.

**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.

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

DO NOT SWALLOW. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID INHALING MIST OR VAPORS. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, ETC. USE WITH ADEQUATE VENTILATION.

**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. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. FOLLOW LABEL INSTRUCTIONS.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



EYE PROTECTION:  
NOT USUALLY NECESSARY. ONLY IF DIRECT CONTACT IS POSSIBLE.

SKIN PROTECTION: NOT USUALLY NECESSARY.

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:  
OPAQUE WHITE LOTION WITH A LEMON SCENT IN AN AEROSOL CAN.

pH: 7.0 +/- 0.5

SPECIFIC GRAVITY (70 DEG. F): 0.946

BOILING POINT: 212 DEG. F

MELTING POINT: NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): NO DATA

PRESSURE (PSIG. @ 70 DEG. F): 55 +/- 10

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: EMULSIFIABLE

VOLATILE ORGANIC COMPOUNDS (VOC'S):  
87.95 GRAMS PER LITER OR 9.97% BY WEIGHT VOC'S

## SECTION 10: STABILITY AND REACTIVITY



HAZARDOUS POLYMERIZATION:  
THIS PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:  
SILICA, FORMIC ACID, OXIDES OF CARBON, ALDEHYDES, SOOT AND SMOKE.

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS, ALKALIS, AND OXIDIZERS.

## 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:

## 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: NONE

## STATE AND LOCAL REGULATIONS:

CALIFORNIA PROPOSITION 65: NONE

**SECTION 16: ADDITIONAL INFORMATION**

DATE PREPARED: 8/30/07

## 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.