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SDS

Common Name: CREME CLEANSER**Manufacturer:** W.W. GRAINGER**SDS Revision Date:** 4/4/2014**SDS Format:** GHS-US**Item Number(s):** 2LEF6**Manufacturer Model Number(s):**

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TOUGH GUY (TM)

SAFETY DATA SHEET

1. IDENTIFICATION



PRODUCT NAME: CREME CLEANSER

RECOMMENDED USE: SCOURING CREME CLEANSER

RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.

LABEL BRAND: TOUGH GUY

SDS: 5386993C

CODE: 2LEF6, 4569780

EMERGENCY PHONE: 1-866-923-4913 USA (24/7)

INFORMATION PHONE: 1-847-535-1000

TECHNICAL SERVICE: 1-847-793-5187

W.W. GRAINGER, INC.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045
USA

2. HAZARD(S) IDENTIFICATION



CLASSIFICATION: EYE DAMAGE (CATEGORY 1), SKIN IRRITATION (CATEGORY 2)

ACUTE TOXICITY: ORAL (CATEGORY 4)

LABEL ELEMENTS:
CORROSION
EXCLAMATION MARK

SIGNAL WORD: DANGER

PICTOGRAMS:
CORROSION
EXCLAMATION MARK

HAZARD STATEMENTS:
CAUSES SERIOUS EYE DAMAGE AND SKIN IRRITATION.
HARMFUL IF SWALLOWED.

PRECAUTIONARY STATEMENTS:
WEAR CHEMICAL-SPLASH SAFETY GOGGLES AND CHEMICAL-RESISTANT PROTECTIVE GLOVES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPORS OR MISTS. DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING.

FIRST AID:

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR AT LEAST 15 MINUTES.

IF ON SKIN:
WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS, GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

IF SWALLOWED:
RINSE MOUTH. CALL A POISON CENTER OR PHYSICIAN IF YOU FEEL UNWELL. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

IF INHALED:
REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

EMERGENCY TELEPHONE: 1-866-923-4913

STORAGE: KEEP CONTAINER TIGHTLY CLOSED. STORE LOCKED UP.

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

KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

HAZARDS NOT OTHERWISE CLASSIFIED: NOT APPLICABLE.

3. COMPOSITION / INFORMATION ON INGREDIENTS



HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
SILICA (NO RESPIRABLE QUARTZ)	14808-60-7	39.0
ALCOHOL ETHOXYLATES	68439-46-3	5.3
DODECYLBENZENE SULFONIC ACID	68584-22-5	4.7

STATE RIGHT TO KNOW:
SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN MIXTURE.

4. FIRST-AID MEASURES



IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR AT LEAST 15 MINUTES.

IF ON SKIN:
WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS, GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

IF SWALLOWED:
RINSE MOUTH. CALL A POISON CENTER OR PHYSICIAN IF YOU FEEL UNWELL. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

IF INHALED:
REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

EMERGENCY TELEPHONE: 1-866-923-4913

MOST IMPORTANT SYMPTOMS / EFFECTS:
CAUSES SERIOUS EYE DAMAGE AND SKIN IRRITATION. MAY CAUSE BLINDNESS WITHOUT IMMEDIATE FIRST AID. HARMFUL IF SWALLOWED.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE.

5. FIRE-FIGHTING MEASURES



CHEMICAL HAZARDS: EYE CORROSIVE AND SKIN IRRITANT. NON-FLAMMABLE.

COMBUSTION PRODUCT HAZARDS: OXIDES OF CARBON AND OTHER FUMES.

METHODS: SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE.

EQUIPMENT: WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

NFPA RATING:
HEALTH 3
FLAMMABILITY 0
INSTABILITY 0
SPECIAL HAZARD N.A.P.

SUITABLE EXTINGUISHERS: WATER, DRY CHEMICAL, CO2 OR FOAM SUITABLE FOR FIRE.

UNSUITABLE EXTINGUISHERS: NO RESTRICTIONS BASED ON CHEMICAL HAZARDS.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS:

EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION INCLUDING RUBBER BOOTS. SEE SECTION 8. VENTILATE AREA IF NEEDED. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

ENVIRONMENTAL PRECAUTIONS:

PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

CLEAN-UP METHODS:

SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER. FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

7. HANDLING AND STORAGE



HANDLING:

FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INHALATION, INGESTION, AND CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE REUSE. PRODUCT RESIDUE MAY REMAIN IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE:

KEEP CONTAINER TIGHTLY CLOSED. STORE LOCKED UP. STORE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING. ROTATE STOCK REGULARLY. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



EXPOSURE LIMITS:

SILICA: 0.025 MG/M3 TWA (ACGIH), 0.1 MG/M3 TWA (OSHA)
ALCOHOL ETHOXYLATES: NONE
DODECYLBENZENE SULFONIC ACID: NONE

ENGINEERING CONTROLS:

NONE REQUIRED. GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

PERSONAL PROTECTION:

EYES:

SAFETY GOGGLES (INDIRECT-VENTED OR NON-VENTED) AND AN EYE-WASH STATION.

HANDS: CHEMICAL-RESISTANT PROTECTIVE GLOVES (RUBBER OR NEOPRENE).

RESPIRATORY:

SUITABLE RESPIRATOR IF MISTS/VAPORS ARE NOT CONTROLLED BY VENTILATION.

FEET: NONE REQUIRED. RUBBER BOOTS RECOMMENDED DURING SPILL CLEAN-UP.

BODY: NONE REQUIRED.

9. PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE: OFF-WHITE LIQUID

ODOR: FRESH AND CLEAN

PH CONCENTRATE: 2.3

PH @ 2500 PPM SOLUTION: N.AV.

PH @ USE DILUTION: N.AV.

PHYSICAL STATE: LIQUID

RELATIVE DENSITY (WATER): 1.230

SOLUBILITY (WATER): COMPLETE

VAPOR PRESSURE: N.AV.

VAPOR DENSITY: N. AV.

VISCOSITY: VISCOUS

AUTO-IGNITION TEMPERATURE: N.AV.

DECOMPOSITION TEMPERATURE: N.AV.

EXPLOSIVE LIMITS (LEL/UEL): NONE

EVAPORATION RATE: N.AV.

FLAMMABILITY (SOLID, GAS): N.AP.

FLASH POINT: NONE

INITIAL BOILING POINT/RANGE: N.AV.

MELTING POINT/FREEZING POINT: N.AV.

ODOR THRESHOLD: N.AV.

PARTITION COEFF. (N-OCTANOL/WATER): N.AV

OTHER: N.AV.

10. STABILITY AND REACTIVITY



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REACTIVITY: MIXING WITH INCOMPATIBLES CAN RELEASE HEAT + HAZARDOUS GASES.

CHEMICAL STABILITY: STABLE.

POSSIBILITY OF HAZARDOUS REACTIONS: SEE REACTIVITY. WILL NOT POLYMERIZE.

CONDITIONS TO AVOID:

TEMPERATURES BELOW 35 DEG. F (1.6 DEG. C) OR ABOVE 120 DEG. F (49 DEG. C).

MATERIALS TO AVOID: BLEACH, METAL AND OTHER CLEANERS. MIX ONLY WITH WATER.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

11. TOXICOLOGICAL INFORMATION



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ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION.

INFORMATION ON ROUTES OF EXPOSURE: NO LC50/LD50 TEST DATA ON MIXTURE.

ACUTE EFFECTS /SYMPTOMS:

EYES: CAUSES SERIOUS EYE DAMAGE. MAY CAUSE PAIN, REDNESS AND WATERING.

SKIN: CAUSES SKIN IRRITATION. MAY CAUSE DELAYED PAIN, DRYING AND REDNESS.

INGESTION: CAUSES IRRITATION OR BURNS TO MOUTH, THROAT AND STOMACH.

INHALATION:

CAUSES IRRITATION OR BURNS TO NOSE, THROAT + RESPIRATORY SYSTEM.

CHRONIC / OTHER EFFECTS:

NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.

SPECIFIC TARGET ORGANS (SINGLE/REPEATED): NONE KNOWN.

NUMERICAL MEASURES OF TOXICITY: ATEMIX (ORAL-RAT) = 1075 MG / KG

CARCINOGENS:

SILICA (CAS 14808-60-7) IS LISTED BY IARC AND NTP AS A HUMAN CARCINOGEN WHEN PRESENT IN THE FORM OF RESPIRABLE QUARTZ. THIS PRODUCT AS DELIVERED, DOES NOT CONTAIN RESPIRABLE QUARTZ.

12. ECOLOGICAL INFORMATION

ECOTOXICITY / CHEMICAL FATE: NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHOD:**

DISPOSE OF CONTENTS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL APPLICABLE LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

14. TRANSPORT INFORMATION

DOT / IMDG / IATA / TDG: NOT REGULATED

15. REGULATORY INFORMATION

EPA CERCLA RQ: NO

EPA REGISTERED: NO

OSHA HAZARDOUS: YES

PHOSPHORUS CONTENT: 0.00%

PROPOSITION 65:

WARNING:

THIS PRODUCT CONTAINS A LISTED SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA

TO CAUSE CANCER.

SARA 311/312 HAZARDS: ACUTE

SARA 313 CHEMICALS: NO

STATE RIGHT TO KNOW:

WATER/7732-18-5, SILICA (NO RESPIRABLE QUARTZ)/14808-60-7, ALCOHOL
ETHOXYLATE/68439-46-3, DODECYLBENZENE SULFONIC ACID/68584-22-5

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.

VOC: 0.20% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

16. OTHER INFORMATION



PREPARATION DATE: 4-4-14

PREPARED BY: RC

REVISED SECTION: 16

ABBREVIATIONS:

N.AV. = NOT AVAILABLE

N.AP. = NOT APPLICABLE

NOTICE TO READER:

THIS DOCUMENT HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED
TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR
IMPLIED, AS TO THE ACCURACY OF THE INFORMATION CONTAINED WITHIN. ACTUAL
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RESPONSIBLE FOR EVALUATING ALL AVAILABLE INFORMATION WHEN USING PRODUCT FOR
ANY PARTICULAR USE AND TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND
LOCAL LAWS AND REGULATIONS.