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SDS

Common Name: NON-ACID BATH & BOWL CLEANER**Manufacturer:** W.W. GRAINGER**SDS Revision Date:** 10/29/2018**SDS Format:** GHS-US**Item Number(s):** 2LEF8**Manufacturer Model Number(s):**

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TOUGH GUY (TM)

SAFETY DATA SHEET

1. IDENTIFICATION



PRODUCT NAME: NON-ACID BATH & BOWL CLEANER

RECOMMENDED USE: QUAT DISINFECTANT BATHROOM CLEANER

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

LABEL BRAND: TOUGH GUY

SDS: 3760064N

CODE: 2LEF8, 4569481

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

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

INFORMATION PHONE: 1-847-535-1000

TECHNICAL SERVICE: 1-847-793-5187

2. HAZARD(S) IDENTIFICATION



CLASSIFICATION: EYE IRRITATION (CATEGORY 2A), SKIN IRRITATION (CATEGORY 2)

LABEL ELEMENTS:

SIGNAL WORD: WARNING

PICTOGRAMS: EXCLAMATION MARK

HAZARD STATEMENTS: CAUSES SERIOUS EYE IRRITATION AND SKIN IRRITATION.

PRECAUTIONARY STATEMENTS:

WEAR CHEMICAL-SPLASH GOGGLES AND CHEMICAL-RESISTANT PROTECTIVE GLOVES.
AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. 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 EYE
IRRITATION PERSISTS, GET MEDICAL ATTENTION.

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. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR
WATER AS TOLERATED.

EMERGENCY TELEPHONE: 1-866-923-4913

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 %
TETRASODIUM EDTA	64-02-8	1.6
ALCOHOL ETHOXYLATE	68131-39-5	1.1
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5	0.105
N-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	68956-79-6	0.105

STATE RIGHT TO KNOW: EPA EXEMPT 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 EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION.

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. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

IF INHALED: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

EMERGENCY TELEPHONE: 1-866-923-4913

MOST IMPORTANT SYMPTOMS / EFFECTS:

CAUSES SERIOUS EYE IRRITATION AND SKIN IRRITATION.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

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

5. FIRE-FIGHTING MEASURES



CHEMICAL HAZARDS: EYE AND SKIN IRRITATION. 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 2
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 CONTACT WITH EYES, SKIN AND CLOTHING. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE:

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORAGE 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:**

TETRASODIUM EDTA: NONE

ALCOHOL ETHOXYLATE: NONE

N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE: NONE

N-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE: 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: NONE REQUIRED.

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

BODY: NONE REQUIRED.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: TURQUOISE BLUE LIQUID

ODOR: CITRUS

PH CONCENTRATE: 9.5

PH @ 2500 PPM SOLUTION: N.AV.

PH @ 1:32 USE DILUTION: N.AV.

PHYSICAL STATE: LIQUID

RELATIVE DENSITY (WATER): 1.010

SOLUBILITY (WATER): COMPLETE

VAPOR PRESSURE: N.AV.

VAPOR DENSITY: N. AV.

VISCOSITY: NON-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



REACTIVITY: NO HAZARD.
CHEMICAL STABILITY: STABLE.
POSSIBILITY OF HAZARDOUS REACTIONS: NONE KNOWN. 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:
DIRECT MIXING WITH OTHER CHEMICALS. MIX ONLY WITH WATER.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

11. TOXICOLOGICAL INFORMATION



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 IRRITATION. MAY CAUSE PAIN, REDNESS AND WATERING.
SKIN: CAUSES SKIN IRRITATION. MAY CAUSE DISCOMFORT, DRYING AND REDNESS.
INGESTION: MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.
INHALATION: NONE KNOWN.
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): ABOVE 2000 MG / KG
CARCINOGENS: NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

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.

STORAGE AND DISPOSAL:

STORE IN AN AREA INACCESSIBLE TO CHILDREN. NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. OFFER FOR RECYCLING IF AVAILABLE. OTHERWISE, WRAP EMPTY CONTAINER IN PLASTIC BAG AND DISCARD IN TRASH.

14. TRANSPORT INFORMATION



DOT / IMDG / IATA / TDG: NOT REGULATED

15. REGULATORY INFORMATION



EPA CERCLA RQ: NO

EPA REGISTERED:

YES (8155-5-84533) THIS CHEMICAL IS A PESTICIDE PRODUCT REGISTERED BY THE ENVIRONMENTAL PROTECTION AGENCY AND IS SUBJECT TO CERTAIN LABELING REQUIREMENTS UNDER FEDERAL PESTICIDE LAW. THESE REQUIREMENTS DIFFER FROM THE CLASSIFICATION CRITERIA AND HAZARD INFORMATION REQUIRED FOR SAFETY DATA SHEETS, AND FOR WORKPLACE LABELS OF NON-PESTICIDE CHEMICALS. FOLLOWING IS THE HAZARD INFORMATION AS REQUIRED ON THE PESTICIDE LABEL:

CAUTION:

CAUSES MODERATE EYE IRRITATION. HARMFUL IF ABSORBED THROUGH THE SKIN AND/OR IF INHALED. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING SPRAY MIST. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

OSHA HAZARDOUS: YES

PHOSPHORUS CONTENT: 0.00%

PROPOSITION 65: NO

SARA 311/312 HAZARDS: ACUTE

SARA 313 CHEMICALS: NO

STATE RIGHT TO KNOW: EPA EXEMPT MIXTURE.

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

VOC: 0.50% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

16. OTHER INFORMATION



PREPARATION DATE: 10-29-18

PREPARED BY: RC

REVISED SECTION: 16

ABBREVIATIONS:

N.AV. = NOT AVAILABLE

N.AP. = NOT APPLICABLE

NOTICE TO READER:

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