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MSDS

**Common Name:** NEUTRAL FLOOR CLEANER**Manufacturer:** W.W. GRAINGER**MSDS Revision Date:** 7/17/2008**Grainger Item Number(s):** 2CYH4, 2CYH5, 2CYH6, 2UPW3**Manufacturer Model Number(s):**

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TOUGH GUY

MATERIAL SAFETY DATA SHEET

## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME/TRADE NAME: NEUTRAL FLOOR CLEANER

CODE: 2UPW3

CAS #: NOT APPLICABLE.

SYNONYM: NEUTRAL CLEANER

CHEMICAL FAMILY: N/A

MANUFACTURER/SUPPLIER

W. W. GRAINGER

100 GRAINGER PARKWAY

LAKE FOREST, IL 60045-5201

## PHONE NUMBERS:

IN CASE OF EMERGENCY: (800) 228-5635

NON-EMERGENCY PHONE: (847) 535-1000

MSDS REQUEST PHONE: (847) 535-5400

## TSCA:

TSCA INVENTORY: ALL COMPONENTS LISTED OR ARE EXEMPT FROM LISTING.

## DSL:

DSL: ALL COMPONENTS LISTED UNLESS NOTED ELSEWHERE ON THIS MSDS

VALIDATION DATE: 7/17/2008

PRINT DATE: 7/17/2008

## PROTECTIVE CLOTHING:

SAFETY GLASSES

GLOVES

**SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS**

NAME	CAS #	% BY WEIGHT	EXPOSURE LIMITS	LC50/LD50
SODIUM XYLENE SULFONATE	1300-72-7	5 - 10	NOT AVAILABLE.	ORAL (LD50): ACUTE: 650 MG/KG (RAT). 5939 MG/KG (MOUSE).
POLYGLYCOSIDE SURFACTANT	110615-47-9	5 - 10	NOT AVAILABLE.	NOT AVAILABLE.
TETRASODIUM SALT OF ETHYLENDIAMINE-TETRAACETIC ACID	64-02-8	<5	NOT AVAILABLE.	ORAL (LD50): ACUTE: 3030 MG/KG (RAT).

**SECTION 3. HAZARDS IDENTIFICATION**

## POTENTIAL ACUTE HEALTH EFFECTS:

NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE ACUTE TOXIC EFFECTS OF THIS MATERIAL FOR HUMANS.

## POTENTIAL CHRONIC HEALTH EFFECTS:

REPEATED SKIN EXPOSURE CAN PRODUCE LOCAL SKIN DESTRUCTION, OR DERMATITIS.

## CARCINOGENIC EFFECTS:

NOT CLASSIFIED OR LISTED BY IARC, NTP, OSHA, EU AND ACGIH.

**SECTION 4. FIRST AID MEASURES**

## EYE CONTACT:

THIS PRODUCT IS AN EYE IRRITANT. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER. SEEK MEDICAL ATTENTION.

SKIN CONTACT: RINSE WITH PLENTY OF RUNNING WATER.

INHALATION: NO SPECIFIC DATA.

INGESTION:

MAY BE IRRITATING TO GASTROINTESTINAL SYSTEM, MOUTH, THROAT, AND ESOPHAGUS. VOMITING AND DIARRHEA EXPECTED WITH LARGE DOSES. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. SEEK MEDICAL ATTENTION.

## SECTION 5. FIRE FIGHTING MEASURES



PRODUCTS OF COMBUSTION: NOT AVAILABLE.

FIRE FIGHTING MEDIA AND INSTRUCTIONS: NON-FLAMMABLE SUBSTANCE.

SPECIAL REMARKS ON FIRE HAZARDS: NO ADDITIONAL REMARK.

SPECIAL REMARKS ON EXPLOSION HAZARDS: NO ADDITIONAL REMARK.

## SECTION 6. ACCIDENTAL RELEASE MEASURES



SMALL SPILL AND LEAK:

ABSORB WITH AN INERT MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER.

LARGE SPILL AND LEAK:

ABSORB WITH AN INERT MATERIAL AND PUT THE SPILLED MATERIAL IN AN APPROPRIATE WASTE DISPOSAL.

PERSONAL PROTECTION IN CASE OF A LARGE SPILL:

SPLASH GOGGLES. FULL SUIT. BOOTS. GLOVES. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.

## SECTION 7. HANDLING AND STORAGE



PRECAUTIONS: AVOID CONTACT WITH EYES. DO NOT INGEST.

INCOMPATIBILITY: NO INCOMPATIBLE PRODUCT ACCORDING TO OUR DATA BASE.

STORAGE:

KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED AND DRY. FOR INSTITUTIONAL AND COMMERCIAL USE

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



ENGINEERING CONTROLS:

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

PERSONAL PROTECTION:

EYES: SAFETY GLASSES.

BODY: NO SPECIAL PROTECTIVE CLOTHING IS REQUIRED.

RESPIRATORY: NOT APPLICABLE.

HANDS: GLOVES.

PROTECTIVE CLOTHING (PICTOGRAMS):

SAFETY GLASSES

GLOVES

EXPOSURE LIMITS: NOT AVAILABLE.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE AND APPEARANCE: LIQUID.

ODOR: PLEASANT.

TASTE: NOT AVAILABLE.

COLOR: YELLOW.

MOLECULAR WEIGHT: NOT APPLICABLE.

pH: 7 TO 8 (BASIC.)

BOILING/CONDENSATION POINT: 100 DEG. C (212 DEG. F)

MELTING/FREEZING POINT: NOT AVAILABLE.

CRITICAL TEMPERATURE: NOT AVAILABLE.

INSTABILITY TEMPERATURE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1 (WATER = 1)

VAPOR PRESSURE: 20 MM OF Hg (@ 20 DEG. C)

VAPOR DENSITY: >1 (AIR = 1)

VOLATILITY: NOT AVAILABLE.

VOC: 8.5077 (G/L).

EVAPORATION RATE: <1

DISPERSION PROPERTIES: SEE SOLUBILITY IN WATER.

SOLUBILITY: SOLUBLE

THE PRODUCT IS: MAY BE COMBUSTIBLE AT HIGH TEMPERATURE.

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE.

FLASH POINTS: NONE TO BOILING (TCC)

FLAMMABLE LIMITS: N/A

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE FLAMMABILITY OF THIS PRODUCT IN PRESENCE OF VARIOUS MATERIALS.

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE PRODUCT'S RISKS OF EXPLOSION IN THE PRESENCE OF VARIOUS MATERIALS.

## SECTION 10. STABILITY AND REACTIVITY DATA



STABILITY: THE PRODUCT IS STABLE.

INCOMPATIBILITY WITH VARIOUS SUBSTANCES:

NO INCOMPATIBLE PRODUCT ACCORDING TO OUR DATA BASE.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

## SECTION 11. TOXICOLOGICAL INFORMATION



ROUTES OF ENTRY: ABSORBED THROUGH SKIN. EYE CONTACT. INGESTION.

TOXICITY TO ANIMALS:

ACUTE ORAL TOXICITY (LD50): 3030 MG/KG (RAT). (TETRASODIUM EDTA).

ACUTE EFFECTS ON HUMANS:

EYES: THIS PRODUCT IS AN EYE IRRITANT.

SKIN: SLIGHTLY IRRITATING

INHALATION: NOT AVAILABLE.

INGESTION: IRRITANT. VOMITING AND DIARRHEA POSSIBLE

CHRONIC EFFECTS ON HUMANS:

REPEATED SKIN EXPOSURE CAN PRODUCE LOCAL SKIN DESTRUCTION, OR DERMATITIS.

SPECIAL REMARKS ON TOXICITY TO ANIMALS: NO ADDITIONAL REMARK.

SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS: NO ADDITIONAL REMARK.

## SECTION 12. ECOLOGICAL INFORMATION



ECOTOXICITY: NOT AVAILABLE.

BOD5 AND COD: NOT AVAILABLE

PRODUCTS OF BIODEGRADATION:

POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY.

HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION: NOT AVAILABLE.

SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION: NO ADDITIONAL REMARK.

## SECTION 13. DISPOSAL CONSIDERATIONS



WASTE INFORMATION:

WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

WASTE STREAM: NOT AVAILABLE.

## SECTION 14. TRANSPORT INFORMATION



DOT (U.S.A) (PICTOGRAMS): NO PLACARD REQUIRED

TDG CLASSIFICATION: NOT CONTROLLED UNDER TDG (CANADA).

PIN UN, PROPER SHIPPING NAME, PG: NOT APPLICABLE.

MARITIME TRANSPORTATION: NOT AVAILABLE.

SPECIAL PROVISIONS FOR TRANSPORT: NOT APPLICABLE.

**SECTION 15. OTHER REGULATORY INFORMATION AND PICTOGRAMS**

WHMIS (CLASSIFICATION):

WHMIS CLASS D-2: MATERIAL CAUSING OTHER TOXIC EFFECTS.

REGULATORY LISTS: NO PRODUCTS WERE FOUND.

OTHER REGULATIONS: NOT AVAILABLE. OR OF ITS INGREDIENTS

OTHER CLASSIFICATIONS:

HCS (U.S.A.):

HCS CLASS: IRRITATING SUBSTANCE.

USA REGULATORY LISTS:

CALIFORNIA PROP. 65:

THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENTS FOR WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE REPRODUCTIVE HARM (FEMALE) WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE: ETHYLENE OXIDE <1 PPM

CALIFORNIA PROP. 65:

THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENTS FOR WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE: ETHYLENE OXIDE <1 PPM

MASSACHUSETTS RTK: ETHYLENE OXIDE

SARA 311/312: SODIUM XYLENE SULFONATE; NONIONIC SURFACTANT

SARA 313: NO COMPONENTS FOUND

DSD (EEC): THIS PRODUCT IS NOT CLASSIFIED ACCORDING TO THE EU REGULATIONS.

INTERNATIONAL REGULATIONS LISTS: NO PRODUCTS WERE FOUND.

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.):

HEALTH 1

FLAMMABILITY 0

PHYSICAL HAZARD 0

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.):

HEALTH 1

FLAMMABILITY 0

INSTABILITY 0

SPECIFIC HAZARD

THE HAZARD RANKING SYSTEMS PRESENTED ON THIS MSDS PROVIDE ONLY A QUICK REFERENCE FOR HAZARD INFORMATION. THE ENTIRE MSDS MUST BE CONSULTED TO DETERMINE ANY SPECIFIC HAZARDS, FIRST AID MEASURES, AND PPE ASSOCIATED WITH THIS PRODUCT.

**SECTION 16. OTHER INFORMATION**

VALIDATED BY CRUSHTON ON: 7/17/2008.

VERIFIED BY: CRUSHTON.

PRINTED: 7/17/2008.

INFORMATION CONTACT:

W. W. GRAINGER  
100 GRAINGER PARKWAY  
LAKE FOREST, IL 60045-5201

NOTICE TO READER:

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE.  
HOWEVER, NEITHER THE ABOVE NAMED SUPPLIER NOR ANY OF ITS SUBSIDIARIES  
ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE  
INFORMATION CONTAINED HEREIN.

FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE  
RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND  
SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN,  
WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.