



**Common Name:** ONE STEP CLEANER/RESTORER

**Manufacturer:** W.W. GRAINGER

**MSDS Revision Date:** 10/11/2007

**Grainger Item Number(s):** 2CYJ1

**Manufacturer Model Number(s):**

**MSDS Table of Contents**

Click the desired link below to jump directly to that section in the MSDS.

- [1. PRODUCT AND COMPANY IDENTIFICATION](#)
- [2. HAZARDS IDENTIFICATION](#)
- [3. COMPOSITION/INFORMATION ON INGREDIENTS](#)
- [4. FIRST AID MEASURES](#)
- [5. FIRE-FIGHTING MEASURES](#)
- [6. ACCIDENTAL RELEASE MEASURES](#)
- [7. HANDLING AND STORAGE](#)
- [8. EXPOSURE CONTROLS/PERSONAL PROTECTION](#)
- [9. PHYSICAL AND CHEMICAL PROPERTIES](#)
- [10. STABILITY AND REACTIVITY](#)
- [11. TOXICOLOGICAL INFORMATION](#)
- [12. ECOLOGICAL INFORMATION](#)
- [13. DISPOSAL CONSIDERATIONS](#)
- [14. TRANSPORT INFORMATION](#)
- [15. REGULATORY INFORMATION](#)
- [16. OTHER INFORMATION](#)

MATERIAL SAFETY DATA SHEET

TOUGH GUY

ONE STEP CLEANER/RESTORER

VERSION NUMBER: 1

PREPARATION DATE: 2007-10-11

**1. PRODUCT AND COMPANY IDENTIFICATION**



PRODUCT NAME: ONE STEP CLEANER/RESTORER

MSDS #: MS0600417

PRODUCT CODE: 2CYJ1

RECOMMENDED USE: FLOOR CARE.

MANUFACTURER, IMPORTER, SUPPLIER:

MANUFACTURED FOR:  
W.W. GRAINGER, INC.  
100 GRAINGER PARKWAY  
LAKE FOREST, IL 60045-5201

PHONE: 1-847-535-1000

TECHNICAL SERVICE: 1-847-535-5400

EMERGENCY TELEPHONE NUMBER: 1-800-983-4582

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:  
CAUTION  
CAUSES EYE IRRITATION  
MAY BE MILDLY IRRITATING TO SKIN

PRINCIPLE ROUTES OF EXPOSURE:  
EYE CONTACT  
SKIN CONTACT  
INHALATION

EYE CONTACT: MODERATELY IRRITATING TO THE EYES

SKIN CONTACT: MAY BE MILDLY IRRITATING TO SKIN

INHALATION: NONE KNOWN

INGESTION: MAY CAUSE IRRITATION TO MOUTH, THROAT AND STOMACH

3. COMPOSITION/INFORMATION ON INGREDIENTS



HAZARDOUS COMPONENTS:			
INGREDIENT (S)	CAS #		WEIGHT %
ALCOHOL ETHOXYLATES	34398-01-1		5 - 10%
HAZARDOUS COMPONENTS:			
INGREDIENT (S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
ALCOHOL ETHOXYLATES	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

4. FIRST AID MEASURES



EYE CONTACT:  
FLUSH IMMEDIATELY WITH PLENTY OF WATER  
IF IRRITATION PERSISTS, GET MEDICAL ATTENTION

SKIN CONTACT:  
FLUSH IMMEDIATELY WITH PLENTY OF WATER  
IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION

INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED

INGESTION: IF SWALLOWED, GIVE A CUPFUL OF WATER OR MILK

AGGRAVATED MEDICAL CONDITIONS: NONE KNOWN

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA: NOT APPLICABLE

SPECIFIC HAZARDS: NOT APPLICABLE

UNUSUAL HAZARDS: NONE KNOWN

SPECIFIC METHODS: NO SPECIAL METHODS REQUIRED

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:  
AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND,  
MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:  
NO INFORMATION AVAILABLE

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS: NO INFORMATION AVAILABLE

7. HANDLING AND STORAGE



HANDLING:  
AVOID CONTACT WITH SKIN, EYES AND CLOTHING  
WASH THOROUGHLY AFTER HANDLING

FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

STORAGE:  
PROTECT FROM FREEZING  
KEEP TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE  
KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



ENGINEERING MEASURES TO REDUCE EXPOSURE:  
NO SPECIAL VENTILATION REQUIREMENTS  
GENERAL ROOM VENTILATION IS ADEQUATE

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

HAND PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

SKIN AND BODY PROTECTION:  
NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

RESPIRATORY PROTECTION:  
NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

HYGIENE MEASURES:  
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE

PERSONAL PROTECTIVE EQUIPMENT: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

APPEARANCE: NO INFORMATION AVAILABLE

SPECIFIC GRAVITY: 0.998

pH: 8.75

DILUTION pH: NO INFORMATION AVAILABLE.

ELEMENTAL PHOSPHORUS: 0% P

DENSITY: 8.33 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

SOLUBILITY: COMPLETELY SOLUBLE

VOC: 0% \*

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

PARTITION COEFFICIENT (n-OCTANOL/WATER): NO INFORMATION AVAILABLE

COLOR: CREAM

ODOR: SURFACTANT

BOILING POINT/RANGE: NOT DETERMINED

MELTING POINT/RANGE: NOT DETERMINED

FLASH POINT:  
>200 DEG. F  
>93.3 DEG. C

DECOMPOSITION TEMPERATURE: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NO INFORMATION AVAILABLE

\* - TITLE 17, CALIFORNIA CODE OF REGULATIONS, DIVISION 3, CHAPTER 1, SUBCHAPTER 8.5, ARTICLE 2, CONSUMER PRODUCTS, SECTIONS 94508

10. STABILITY AND REACTIVITY



STABILITY: THE PRODUCT IS STABLE

POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY:  
ORAL LD50 ESTIMATED TO BE GREATER THAN 5000 MG/KG  
DERMAL LD50 ESTIMATED TO BE >2000 MG/KG

COMPONENT INFORMATION: SEE SECTION 3

CHRONIC TOXICITY: NONE KNOWN

SPECIFIC EFFECTS:  
CARCINOGENIC EFFECTS: NONE KNOWN  
MUTAGENIC EFFECTS: NONE KNOWN  
REPRODUCTIVE TOXICITY: NONE KNOWN  
TARGET ORGAN EFFECTS: NONE KNOWN

12. ECOLOGICAL INFORMATION



ENVIRONMENTAL INFORMATION: NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS



14. TRANSPORT INFORMATION



DOT/TDG:

PLEASE REFER TO THE BILL OF LADING/RECEIVING DOCUMENTS FOR UP TO DATE SHIPPING INFORMATION

15. REGULATORY INFORMATION



INTERNATIONAL INVENTORIES:

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE FOLLOWING INVENTORIES:  
U.S.A. (TSCA) .

U.S. REGULATIONS:

CALIFORNIA PROPOSITION 65:  
THIS PRODUCT IS NOT SUBJECT TO THE REPORTING REQUIREMENTS UNDER CALIFORNIA'S PROPOSITION 65

SARA 311/312 HAZARD CATEGORIES:  
IMMEDIATE (X)  
DELAYED ( )  
FIRE ( )  
REACTIVITY ( )  
SUDDEN RELEASE OF PRESSURE ( )

CANADA:  
WHMIS HAZARD CLASS: NOT FOR SALE IN CANADA.

STATE RIGHT TO KNOW:

INGREDIENT(S)	CAS #	NJRTK	MARTK	PARTK	RIRTK
WATER	7732-18-5				
ALCOHOL ETHOXYLATES	34398-01-1				
ETHYLENE HOMOPOLYMER	68441-17-8				
MONTAN	73138-45-1				
ACRYLATE COPOLYMER	63744-68-3				
48515005-5039P	TS*				

CERCLA/SARA:

16. OTHER INFORMATION



HMIS:  
HEALTH 2  
FIRE HAZARD 0  
REACTIVITY 0

NFPA:  
HEALTH 2  
FLAMMABILITY 0  
INSTABILITY 0

REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

NOTICE TO READER:  
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