



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):

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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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