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MSDS

**Common Name:** 5GUU2  
**Manufacturer:** W.W. GRAINGER  
**MSDS Revision Date:** 1/22/2010

**Grainger Item Number(s):** 5GUU2  
**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

PRINTED DATE: 1/22/2010

MSDS ID: 5GUU2

VER. DATE: 01/22/2010

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

EMERGENCY CONTACT DATA:  
EMERGENCY CONTACT INFO: 800-228-5635  
CHEMTREC INFORMATION:  
PHONE NUMBER:  
OTHER CONTACT INFO:

*Use this name*

**SECTION 1 - IDENTIFICATION**

NAME: 5GUU2

DESCRIPTION: TOUGH GUY FREE & CLEAR 2X LAUNDRY DETERG

**SECTION 2 - CHEMICAL COMPOSITION**

ITEM	NAME	CAS NO.	%WT	EXPOSURE LIMITS			
				OSHA		ACGIH	
	PEL-TWA	PEL-CEILIN	TLV-TWA	TLV-STEL	TLV-TWA	TLV-STEL	

**SECTION 3 - HAZARDOUS IDENTIFICATIONS**

EMERGENCY OVERVIEW: THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS.

ACUTE EFFECTS: EYE OR SKIN IRRITATION

CHRONIC EFFECTS: NONE KNOWN

**SECTION 4 - FIRST AID MEASURES**

INHALATION: NOT RELEVANT.

EYE CONTACT:

RINSE THOROUGHLY WITH PLENTY OF WATER FOR SEVERAL MINUTES.

IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE.

SKIN CONTACT:

RINSE AFFECTED AREA WITH WATER. IF NEEDED APPLY COLD COMPRESS TO RELIEVE IRRITATION.

IF SYMPTOMS PERSIST, DISCONTINUE USE OF PRODUCT AND SEEK MEDICAL ADVICE.

INGESTION: DRINK PLENTY OF WATER OR MILK, DO NOT INDUCE VOMITING.

NOTE TO PHYSICIAN: NONE.

**SECTION 5 - FIRE FIGHTING MEASURES**

FLAMMABLE LIMITS:

NOT EXPLOSIVE. NOT AUTO-FLAMMABLE. NOT FLAMMABLE. THE PRODUCT ITSELF WILL NOT BURN.

EXTINGUISHING MEDIA:

ALL EXTINGUISHING AGENTS ARE ALLOWED IN CASE OF FIRE IN THE IMMEDIATE SURROUNDINGS.

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE.

HAZARDOUS COMBUSTION PRODUCTS: NONE.

FIRE FIGHTING INSTRUCTIONS: NO SPECIAL INSTRUCTIONS.

FIRE FIGHTING EQUIPMENT: NO SPECIAL INSTRUCTIONS.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

LEAK OR SPILL PROCEDURES:

REMOVE SPILLED MATERIAL AS MUCH AS POSSIBLE IN CLEAN CONTAINER FOR REUSE. RINSE REMAINDER WITH WATER.

SMALL SPILLS:

REMOVE SPILLED MATERIAL AS MUCH AS POSSIBLE IN CLEAN CONTAINER FOR REUSE.  
RINSE REMAINDER WITH WATER.

LARGE SPILL PROCEDURE:  
LARGE AMOUNTS OF SPILLED PRODUCT MUST BE COLLECTED WITH A SQUEEGEE OR  
SWEEPING COMPOUND AND DISPOSED OF AS CHEMICAL WASTE ACCORDING TO APPLICABLE  
REGULATIONS. RINSE REMAINDER WITH WATER.

## SECTION 7 - HANDLING AND STORAGE



HANDLING PRECAUTIONS: NONE REQUIRED UNDER NORMAL CONDITIONS.

STORAGE REQUIREMENTS:  
STORE IN A COOL AND FROST-FREE PLACE, OUT OF REACH OF CHILDREN.

REGULATORY REQUIREMENTS: N/A

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECT



ENGINEERING AND VENTILATION: NONE REQUIRED

ADMINISTRATIVE CONTROLS: N/A

PROTECTIVE EQUIPMENT:  
NOT A HAZARD IN NORMAL USE. NO PERSONAL PROTECTIVE EQUIPMENT REQUIRED.

CONTAMINATED EQUIPMENT: N/A

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE: CLEAR LIQUID

COLOR: COLORLESS - YELLOW TINGE

ODOR: NONE

PHYSICAL STATE: LIQUID

pH: 7-8

VISCOSITY: 1100 CP

## SECTION 10 - STABILITY AND REACTIVITY



STABILITY PARAGRAPH:  
STABLE, NO DECOMPOSITION UNDER NORMAL CONDITIONS OF STORAGE AND USE.

INCOMPATIBILITIES PARAGRAPH:  
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS:  
MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE.

## SECTION 11 - TOXICOLOGY INFORMATION



TOXICOLOGY INFORMATION: N/A

**SECTION 12 - ECOLOGICAL INFORMATION**



ECOLOGICAL DATA:  
THE PRODUCT IS INTENDED FOR LAUNDRY USE AND IS COMPATIBLE WITH THE  
DOWN-THE-DRAIN DISPOSAL ROUTE.

**SECTION 13 - DISPOSAL CONSIDERATIONS**



DISPOSAL PARAGRAPH:  
CONSUMER PRODUCTS ENDING UP DOWN THE DRAIN AFTER USE. OBSERVE SAFE HANDLING  
PRECAUTIONS AND LOCAL LEGISLATION.

**SECTION 14 - TRANSPORT INFORMATION**



INTRODUCTION: N/A

**SECTION 15 - REGULATORY INFORMATION**



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**SECTION 16 - NOTICES AND DISCLAIMER**



NOTICES:  
THIS PRODUCT DOES NOT REQUIRE ANY SPECIAL TRAINING BEFORE USE. USAGE AND  
HANDLING INSTRUCTIONS ARE MENTIONED ON PACKAGE AND ON THIS MATERIAL SAFETY  
DATA SHEET.

DISCLAIMER:  
THE INFORMATION HEREIN ONLY REGARDS THE PRODUCT MENTIONED IN SECTION 1 AND  
DOES NOT NECESSARILY APPLY TO ITS USE COMBINED WITH ANY OTHER PRODUCT(S)  
OR SPECIFIC PROCESS. THIS INFORMATION IS ACCURATE AND COMPLETE TO OUR BEST  
CURRENT KNOWLEDGE AND IS PRESENTED IN GOOD FAITH BUT WITHOUT WARRANTY,  
EXPRESS OR IMPLIED. IT REMAINS THE RESPONSIBILITY OF THE USER TO ENSURE  
HIMSELF THIS INFORMATION SIS APPLICABLE AND COMPLETE WITH RESPECT TO THE  
INTENDED USE.

HMS RATINGS:  
HEALTH 0  
FLAMMABILITY 0  
REACTIVITY 0  
PPE

NFPA RATINGS:  
HEALTH 0  
FLAMMABILITY 0  
REACTIVITY 0  
OTHER

ITEM NO.: 5GUU2