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**Common Name:** NON-BUTYL SPRAY CLEANER DEGREASER  
**Manufacturer:** W.W. GRAINGER  
**MSDS Revision Date:** 8/28/2007  
**MSDS Format:** No Format Specified

**Grainger Item Number(s):** 2CXR5

**Manufacturer Model  
Number(s):**

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MATERIAL SAFETY DATA SHEET

NON-BUTYL SPRAY CLEANER DEGREASER

VERSION NUMBER: 1

PREPARATION DATE: 8/28/2007

### **1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: NON-BUTYL SPRAY CLEANER DEGREASER

MSDS #:

PRODUCT CODE: 2CXR5

RECOMMENDED USE: MULTI-SURFACE CLEANER/DEGREASER.

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 AND SKIN IRRITATION

### PRINCIPLE ROUTES OF EXPOSURE:

EYE CONTACT

SKIN CONTACT

INHALATION

EYE CONTACT: MODERATELY IRRITATING TO THE EYES

SKIN CONTACT: MODERATELY IRRITATING TO THE SKIN

INHALATION: NONE KNOWN

INGESTION: MAY CAUSE IRRITATION TO MOUTH, THROAT AND STOMACH

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS:

INGREDIENT(S)	CAS #	WEIGHT %
MONOETHANOLAMINE	141-43-5	0.1 - 1.5%

### HAZARDOUS COMPONENTS:

INGREDIENT(S)	LD50 ORAL - RAT	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
MONOETHANOLAMINE	=1720 MG/KG	=1 ML/KG	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 PERSISTS, GET MEDICAL ATTENTION

INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED

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

### AGGRAVATED MEDICAL CONDITIONS:

PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS

## 5. FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING MEDIA:

DRY CHEMICAL, WATER SPRAY, FOAM, CARBON DIOXIDE

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:

USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION

SOAK UP WITH INERT ABSORBENT MATERIAL

SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL

KEEP IN SUITABLE AND CLOSED CONTAINERS FOR DISPOSAL

USE A WATER RINSE FOR FINAL CLEAN-UP

## 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 THE 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

INGREDIENT(S)	CAS #	ACGIH	OSHA	MEXICO
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MONOETHANOLAMINE	141-43-5	6 PPM (STEL) 3 PPM (TWA)	3 PPM (TWA) 6 MG/M3 (TWA)	6 PPM (STEL) 15 MG/M3 (STEL)
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3 PPM (TWA)  
8 MG/M3 (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

APPEARANCE: AQUEOUS SOLUTION

COLOR: COLORLESS

ODOR: LEMON

SPECIFIC GRAVITY: 1.01

pH: 11.40

DILUTION pH: NO INFORMATION AVAILABLE.

DENSITY: 8.41 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

SOLUBILITY: EASILY SOLUBLE

VOC: 3.52% \*

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

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

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

WASTE FROM RESIDUES / UNUSED PRODUCTS:

DISPOSE OF ACCORDING TO ALL FEDERAL, STATE AND LOCAL APPLICABLE REGULATIONS

## 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:

INGREDIENT(S)	CAS #	NPRI
MONOETHANOLAMINE	141-43-5	X
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	X

WHMIS HAZARD CLASS: NOT FOR SALE IN CANADA.

STATE RIGHT TO KNOW:

INGREDIENT(S)	CAS #	NJRTK	MARTK	PARTK	RIRTK
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MONOETHANOLAMINE	141-43-5	X	X	X	X
WATER	7732-18-5				
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5			X	
ALCOHOL ETHOXYLATES	68439-46-3				
1-BUTOXYPROPANOL	5131-66-8				
TETRASODIUM SALT OF EDTA	64-02-8				
CERCLA/SARA:					
INGREDIENT(S)	CAS #	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	1 - 5%			X
INGREDIENT(S)	CAA HAP	CAA ODS	CWA PRIORITY POLLUTANTS		
DIETHYLENE GLYCOL BUTYL ETHER	X				

## 16. OTHER INFORMATION



### HMIS:

HEALTH	2
FIRE HAZARD	0
REACTIVITY	0

### NFPA:

HEALTH	2
FLAMMABILITY SPRAY	0
INSTABILITY	0

REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

### NOTICE TO READER:

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