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MSDS

**Common Name:** FOAMING ACID RESTROOM CLEANER**Manufacturer:** DIVERSEY**MSDS Revision Date:** 5/12/2010**Grainger Item Number(s):** 10A367**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

DIVERSEY(R\*)

FOAMING ACID RESTROOM CLEANER

	HMIS	NFPA
HEALTH	3	3
FIRE HAZARD	0	0
REACTIVITY	0	0

PERSONAL PROTECTIVE EQUIPMENT:  
CHEMICAL GOGGLES  
GLOVES

VERSION NUMBER: 0

PREPARATION DATE: 2010-05-12

## 1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: FOAMING ACID RESTROOM CLEANER

MSDS #: MS0300593

PRODUCT CODE: 5325322

RECOMMENDED USE: ACID CLEANER. THIS PRODUCT IS INTENDED TO BE USED NEAT.

MANUFACTURER, IMPORTER, SUPPLIER:

US HEADQUARTERS

DIVERSEY, INC.

8310 16TH ST.

STURTEVANT, WISCONSIN 53177-1964

PHONE: 1-888-352-2249

MSDS INTERNET ADDRESS: WWW.DIVERSEY.COM

CANADIAN HEADQUARTERS

DIVERSEY, INC. - CANADA, INC.

2401 BRISTOL CIRCLE

OAKVILLE, ONTARIO L6H 6P1

PHONE: 1-800-668-3131

EMERGENCY TELEPHONE NUMBER:

1-800-851-7145 (U.S.)

1-651-917-6133 (INT'L)

## 2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. CAUSES SKIN IRRITATION.  
HARMFUL OR FATAL IF SWALLOWED. CORROSIVE TO STEEL AND ALUMINUM.

PRINCIPAL ROUTES OF EXPOSURE:

EYE CONTACT. SKIN CONTACT. INHALATION. INGESTION.

EYE CONTACT: CORROSIVE. CAUSES PERMANENT EYE DAMAGE, INCLUDING BLINDNESS.

SKIN CONTACT: SEVERE SKIN IRRITATION.

INHALATION:

MAY CAUSE IRRITATION AND CORROSIVE EFFECTS TO NOSE, THROAT AND RESPIRATORY TRACT.

INGESTION: CORROSIVE. CAUSES BURNS TO MOUTH, THROAT AND STOMACH.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS



INGREDIENT(S)	CAS #	WEIGHT %
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	1 - 5%
UREA HYDROCHLORIDE	506-89-8	10 - 20%

INGREDIENT(S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
DIETHYLENE GLYCOL	3384	=2700 MG/KG	NOT AVAILABLE

BUTYL ETHER

UREA HYDROCHLORIDE

1121

NOT AVAILABLE

NOT AVAILABLE

#### 4. FIRST AID MEASURES

**EYE CONTACT:**

IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15-20 MINUTES, KEEPING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.

**SKIN CONTACT:**

IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

**INHALATION:**

IF BREATHING IS AFFECTED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:**

IF SWALLOWED, RINSE MOUTH. GIVE A CUPFUL OF WATER OR MILK. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**AGGRAVATED MEDICAL CONDITIONS:**

INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS SUCH AS ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC., MAY BE MORE SUSCEPTIBLE TO IRRITATING EFFECTS

#### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:**

THE PRODUCT IS NOT FLAMMABLE. EXTINGUISH FIRE USING AGENT SUITABLE FOR SURROUNDING FIRE.

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:**

CLEAN-UP METHODS - LARGE SPILLAGE. ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. USE A WATER RINSE FOR FINAL CLEAN-UP.

#### 7. HANDLING AND STORAGE



**HANDLING:**

AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT TASTE OR SWALLOW. AVOID BREATHING VAPORS OR MISTS. USE ONLY WITH ADEQUATE VENTILATION. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. WASH THOROUGHLY AFTER HANDLING. PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS. ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. MAY REACT TO RELEASE HAZARDOUS GASES. 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:**

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS  
RESPIRATORY PROTECTION IS NOT REQUIRED IF GOOD VENTILATION IS MAINTAINED.

**PERSONAL PROTECTIVE EQUIPMENT:**

EYE PROTECTION: CHEMICAL-SPLASH GOGGLES.

HAND PROTECTION: CHEMICAL-RESISTANT GLOVES

**SKIN AND BODY PROTECTION:**

IF MAJOR EXPOSURE IS POSSIBLE, WEAR SUITABLE PROTECTIVE CLOTHING AND FOOTWEAR.

**RESPIRATORY PROTECTION:**

IF AEROSOLS, MISTS, VAPORS, OR DUST ARE NOT ADEQUATELY CONTROLLED BY VENTILATION, USE APPROPRIATE RESPIRATORY PROTECTION TO AVOID OVER-EXPOSURE. A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

**HYGIENE MEASURES:**

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE

## 9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

BULK DENSITY: NO INFORMATION AVAILABLE

APPEARANCE: AQUEOUS SOLUTION

EVAPORATION RATE: NO INFORMATION AVAILABLE

SPECIFIC GRAVITY: 1.025

COLOR: CLEAR FLUORESCENT RED

VAPOR DENSITY: NO INFORMATION AVAILABLE

ODOR: FRESH

BOILING POINT/RANGE: NOT DETERMINED

MELTING POINT/RANGE: NOT DETERMINED

DECOMPOSITION TEMPERATURE: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NO INFORMATION AVAILABLE

SOLUBILITY: COMPLETELY SOLUBLE

DENSITY:  
8.55 LBS/GAL  
1.025 KG/L

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

FLASH POINT:  
>200 DEG. F  
>93.4 DEG. C

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

VISCOSITY: NO INFORMATION AVAILABLE

ELEMENTAL PHOSPHORUS: 0.00% BY WT.

VOC: 0%\*

pH: 0.42

DILUTION pH: 0.42 @ RTU

EXPLOSION LIMITS:  
UPPER: NOT DETERMINED  
LOWER: NOT DETERMINED

\* - 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.

MATERIALS TO AVOID:  
AMMONIA. BASES. DO NOT MIX WITH CHLORINATED PRODUCTS. CORROSIVE TO STEEL  
AND ALUMINUM.

## 11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY: CORROSIVE TO EYES.  
ORAL LD50 ESTIMATED TO BE BETWEEN 4000 - 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), CANADA (DSL/NDSL).

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

RIGHT TO KNOW (RTK):

INGREDIENT(S)	CAS #	MARTK	NJRTK	PARTK	RIRTK
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5		X		
ETHOXYLATED OLEYL AMINE	13127-82-7				
UREA HYDROCHLORIDE	506-89-8				
WATER	7732-18-5				

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	X		

BUTYL ETHER

## SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE (X)  
DELAYED ( )  
FIRE ( )  
REACTIVITY ( )  
SUDDEN RELEASE OF PRESSURE ( )

## CANADA:

WHMIS HAZARD CLASS:

D2B: TOXIC MATERIALS

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

**16. OTHER INFORMATION**

REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

## ADDITIONAL ADVICE:

CONTAINS AN ADDED FRAGRANCE, SEE "ODOR" HEADING IN SECTION 9 FOR SPECIFIC DESCRIPTION.

## NOTICE TO READER:

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