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MSDS

Common Name: ENVY FOAMING DISINFECTANT CLEANER (US)
Manufacturer: DIVERSEY
MSDS Revision Date: 12/13/2010
MSDS Format: No Format Specified

Grainger Item Number(s): 11Y658
Manufacturer Model Number(s):

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DIVERSEY (TM)

MATERIAL SAFETY DATA SHEET

ENVY FOAMING DISINFECTANT CLEANER (US)

	HMIS	NFPA
HEALTH	2	2
FIRE HAZARD	2	2
REACTIVITY	0	0

PERSONAL PROTECTIVE EQUIPMENT: NONE

VERSION NUMBER: 1

PREPARATION DATE: 2010-12-13

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: ENVY FOAMING DISINFECTANT CLEANER (US)

MSDS #: MS0300752

PRODUCT CODE: 04531

RECOMMENDED USE:

DISINFECTANT 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

EMERGENCY TELEPHONE NUMBER:

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

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION.

CAUSES EYE IRRITATION. CONTENTS UNDER PRESSURE. MAY BE MILDLY IRRITATING TO SKIN.

PRINCIPAL ROUTES OF EXPOSURE:

SKIN CONTACT. INHALATION. INGESTION. EYE CONTACT.

EYE CONTACT: MODERATELY IRRITATING TO THE EYES.

SKIN CONTACT: MAY BE MILDLY IRRITATING TO SKIN.

INHALATION: MAY BE IRRITATING TO NOSE, THROAT, AND RESPIRATORY TRACT.

INGESTION: NONE KNOWN.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS #	WEIGHT %
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1 - 5%
ISOBUTANE	75-28-5	1 - 5%
n-ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5	0.106
n-ALKYL (68% C14, 32% C16) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	68956-79-6	0.106
AMMONIUM HYDROXIDE	1336-21-6	0.1 - 1.5%

INGREDIENT(S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
DIPROPYLENE GLYCOL METHYL ETHER	5230	=9500 MG/KG	NOT AVAILABLE
ISOBUTANE	NOT AVAILABLE	NOT AVAILABLE	=658 MG/L (4 H)
n-ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYL BENZYL	500	NOT AVAILABLE	NOT AVAILABLE

AMMONIUM CHLORIDE

n-ALKYL (68% C14, 32% C16) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE 500 NOT AVAILABLE NOT AVAILABLE

AMMONIUM HYDROXIDE 350 NOT AVAILABLE NOT AVAILABLE

4. FIRST AID MEASURES

EYE CONTACT:

HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15-20 MINUTES. REMOVE CONTACT LENSES, IF PRESENT, AFTER THE FIRST 5 MINUTES, THEN CONTINUE RINSING EYES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SKIN CONTACT:

TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15-20 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

INHALATION:

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

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

AGGRAVATED MEDICAL CONDITIONS: NONE KNOWN

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: DRY CHEMICAL, WATER SPRAY, FOAM.

SPECIFIC HAZARDS: NFPA 30B LEVEL 1 AEROSOL.

UNUSUAL HAZARDS: NONE KNOWN.

SPECIFIC METHODS:

AEROSOL PRODUCT - CONTAINERS MAY ROCKET OR EXPLODE IN HEAT OF FIRE.

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:

ENSURE ADEQUATE VENTILATION. REMOVE ALL SOURCES OF IGNITION.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

CLEAN-UP METHODS - LARGE SPILLAGE. REMOVE ALL SOURCES OF IGNITION. ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. USE A WATER RINSE FOR FINAL CLEAN-UP.

7. HANDLING AND STORAGE

HANDLING:

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

KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

STORAGE:

PRESSURIZED CONTAINER:

PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEGREES C OR 120 DEGREES F. DO NOT PIERCE OR BURN, EVEN AFTER USE. NFPA 30B LEVEL 1 AEROSOL. 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 SAFELY PRACTICE

INGREDIENT(S)	CAS#	ACGIH	OSHA	MEXICO
DIPROPYLENE GLYCOL	34590-94-8	150 PPM (STEL)	SKIN 100 PPM (TWA)	150 PPM (STEL)
METHYL ETHER		100 PPM (TWA)	600 MG/M3 (TWA)	900 MG/M3 (STEL) 100 PPM (TWA) 60 MG/M3 (TWA)
ISOBUTANE	75-28-5	1000 PPM (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: AEROSOL

BULK DENSITY: NO INFORMATION AVAILABLE

APPEARANCE: AEROSOL

EVAPORATION RATE: NO INFORMATION AVAILABLE

SPECIFIC GRAVITY: 0.98

COLOR: CLEAR WHITE

VAPOR DENSITY: NO INFORMATION AVAILABLE

ODOR: LEMON

BOILING POINT/RANGE: NOT DETERMINED

MELTING POINT/RANGE: NOT DETERMINED

DECOMPOSITION TEMPERATURE: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NO INFORMATION AVAILABLE

SOLUBILITY: COMPLETELY SOLUBLE

DENSITY: 8.15 LBS/GAL

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

FLASH POINT:

< 20 DEG. F

< -6 DEG. C

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

VISCOSITY: NO INFORMATION AVAILABLE

ELEMENTAL PHOSPHORUS: 0.23% BY WT.

VOC: 6.9% *

pH: 12.1

DILUTION pH: 12.1 @ RTU

FLAME EXTENSION (INCHES): 0

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.

CONDITIONS TO AVOID:

KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION.

11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY:

ORAL LD50 ESTIMATED TO BE >2000 MG/KG.

DERMAL LD50 ESTIMATED TO BE GREATER THAN 5000 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



DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

PESTICIDE STORAGE:

STORE IN A DRY PLACE NO LOWER IN TEMPERATURE THAN 50 DEG. F OR HIGHER THEN 120 DEG. F.

PESTICIDE DISPOSAL:

IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

CONTAINER DISPOSAL:

PESTICIDE PRODUCT DISPOSAL REQUIREMENTS VARY BY PACKAGE SIZE AND TYPE. PESTICIDES INCLUDE DISINFECTANTS AND SANILIZERS. SEE PRODUCT LABEL FOR COMPLETE DISPOSAL INSTRUCTIONS. ALWAYS 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 AT CAS# LEVEL:

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

U.S. REGULATIONS:

EPA REG. NO.: 70627-35

CALIFORNIA PROPOSITION 65:

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

CERCLA/SARA:

INGREDIENT(S)	CAS #	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1 - 5%			X
AMMONIUM HYDROXIDE	1336-21-6	0.1 - 1.5%	1000		X

NONE

COMPONENT	CAA HAP	CAA ODS	CWA PRIORITY POLLUTANTS
DIPROPYLENE GLYCOL METHYL ETHER	X		

34590-94-8
(1 - 5%)

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