

DUPONT E I DE NEMOURS & CO -- DYMEL 152A (DIFLUOROETHANE) -- 6830-01-357-7646

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Product Identification
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Product ID:DYMEL 152A (DIFLUOROETHANE)

MSDS Date:07/10/1993

FSC:6830

NIIN:01-357-7646

MSDS Number: BYHBN

=== Responsible Party ===

Company Name:DUPONT E I DE NEMOURS & CO

Address:1007 MARKET ST

Box:NONE

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-7515

Emergency

Phone Num:800-441-7515

CAGE:23027

=== Contractor Identification ===

Company Name:ATTWOOD CORP

Address:1016 N MONROE

Box:City:LOWELL

State:MI

ZIP:49331

Country:US

Phone:616-897-9241

CAGE:92489

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

Company Name:TETRA MFG CORP (CAGE CANCELLED)

Address:CAGE CANCELLED

City:WESTBURY

State:NY

ZIP:11590

Country:US

Phone:NONE

CAGE:23027

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= Composition/Information on Ingredients =====

Ingred Name:DIFLUOROETHANE

CAS:75-37-6

RTECS #:K11410000

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:INHALED ALC 4 HR (RAT) = 383,000 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CONTACT W/LIQUID MAY CAUSE FROSTBITE.

OVEREXPOSURE BY INHALATION MAY INCLUDE NO

NSPECIFIC DISCOMFORT, CNS

DEPRESSION, RESPIRATORY IRRITATION, HEART IRREGULARITIES, OR
ABNORMAL KIDNEY FUNCTION.

Explanation of Carcinogenicity:NONE OF THE INGREGREDIENTS PRESENT AT
0.1% OR GREATER ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS
CARCINOGENS.

Effects of Overexposure:INHALATION:NAUSEA, HEACACHE, WEAKNESS,
ANESTHETIC EFFECTS, DIZZINESS, CONFUSION, INCOORDINATION, LOSS OF
CONSCIOUSNESS, COUGH, RESPIRATORY DISTRESS, IRREGULAR PULSE,
PALPITATIONS.

Medical Cond Ag

gravated by Exposure:INDIVIDUALS W/PREEXISSTING DISEASES

OF THE CNS OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED
SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

===== First Aid Measures =====

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:FLUSH AFFECTED AREA W/WATER.

TREAT FOR FROSTBITE BY GENTLY WARMING AFFECTED AREA. INHALED:REMOVE
FROM EXP OSURE. KEEP VICTIM CALM. AID OR

RESTOREBREATHING AS

NEEDED. INGESTED:NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

===== Fire Fighting Measures =====

Flash Point:1000 PPM, EVACUATE AREA. VENTILATE AREA, ESPECIALLY
LOW PLACES. WEAR SELF-CONT AINED BREATHING APPARATUS.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID BREATHING HIGH CONCENTRATIONS OF
VAPORS & AVOID LIQUID

CONTACT W/SKIN OR EYES. USE W/SUFFICIENT VENTILATION TO KEEP EXPOSURES BELOW LIMITS.
Other Precautions: LINES & EQUIPMENT SHOULD BE TESTED FOR LEAKS W/NITROGEN & SOAPY WATER BEFORE USING W/THIS PRODUCT. STORE IN A CLEAN DRY AREA. DO NOT HEAT ABOVE 125F(52C).

===== Exposure Controls/Personal Protection =====

Respiratory Protection: UNDER NORMAL MANUFACTURING CONDITIONS NO RESPIRATORY PROTECTION IS REQUIRED. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED IF A LARGE RELEASE OCCURS.
Ventilation: NORMAL VENTILATION FOR MANUFACTURING IS GENERALLY ADEQUATE. USE LOCAL EXHAUST WHEN LARGE QUANTITIES ARE RELEASED. SUPP D
Protective Gloves: IMPERVIOUS GLOVES
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: MFR GAVE NO INFORMATION ON MSDS.
Work Hygienic Practices: SEE HANDLING PROCEDURES.
Supplemental Safety and Health
USE MECHANICAL EXHAUST IN LOW OR INCLOSED PLACES. GROUND EAUUIPMENT & CYLINDERS. USE EXPLOSION PROOF ELECTRICAL EQUIPMEN
T. ** VENDOR
SUPPLIED DUPONT MSDS'S FOR THE TWO COMPONENTS OF THE NSN (SEE P/N I ND B FOR THE OTHER ONE). SEVERAL PAGES WERE MISSING FROM THIS MSDS AND A NEW COPY WAS OBTAINED.**

===== Physical/Chemical Properties =====

HCC: G3
NRC/State Lic Num: NONE
Boiling Pt: B.P. Text: -13F, -25C
Vapor Pres: 87 PSIA
Vapor Density: 2.4
Spec Gravity: 0.90 GM/CC
Solubility in Water: 0.28%
Appearance and Odor: CLEAR COLORLESS GAS, SLIGHT ETHEREAL ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
ALKALI OR ALKALINE EARTH METALS-POWDERED AL, ZN, BE, ETC.
Stability Condition to Avoid: AVOID OPEN FLAMES & HIGH TEMPERATURES.
Hazardous Decomposition Products: HYDROFLUORIC ACID & POSSIBLY CARBONYL FLUORIDE.
Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: RECLAIM BY DISTILLATION, INCINERATE OR REMOVE TO A PERMI

TTED WASTE FACILITY. COMPLY W/FEDERAL, STATE & LOCAL
REGULATIONS. THIS MATERIAL MAY BE A RCRA HAZARDOUS WASTE DUE TO ITS
IGNITABILITY CHARACTERI STIC.

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