

3M CANADA INC -- TROUBLE SHOOTER, CN-1006-1045-6 -- 7930-01-070-2330

===== Product Identification =====

Product ID:TROUBLE SHOOTER, CN-1006-1045-6

MSDS Date:11/09/1988

FSC:7930

NIIN:01-070-2330

MSDS Number: BXBZNZ

=== Responsible Party ===

Company Name:3M CANADA INC

Address:1840 OXFORD ST E

Box:5757

City:LONDON, ONTARIO, N6A 4T1

Info Phone Num:519-452-6146

Emergency Phone Num:519-451-2500 EXT 2222

CAGE:09581

=== Contractor Identification ===

Company Name:3M CAN

ADA INC

Address:1840 OXFORD ST E

Box:City:LONDON N5V 3R6

State:ON

Country:US

Phone:519-451-2500

CAGE:09581

===== Composition/Information on Ingredients =====

Ingred Name:ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL) LD50: (ORAL, RAT)
530 MG/KG

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 14%

OSHA PEL:50 PPM, S

ACGIH TLV:25 PPM, S

Ingred Name:ETHANOL, 2-AMINO-; (ETHANOLAMINE) LD50: (ORAL, RAT) 2050
MG/KG

CAS:141-43-5

RTECS #:KJ5775000

Fraction by Wt: 5%

OSHA PEL:3 PPM

ACG

IH TLV:3 PPM; 6 STEL

Ingred Name:NON-IONIC SURFACTANT

Fraction by Wt: 1%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 70-75%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 8%

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN

Ingred Name:SMECTITE; (CLAY)

CAS:12199-37-0

Fraction by Wt: 1%

OSHA PEL:N/K

ACGIH TLV:N/K

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

LD50 LC50 Mixture:SEE

INGREDIENTS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRIT. SYMPS MAY INCL
TRANSIENT CONJ IRRIT & MINIMAL CORNEAL OPACITY. MOD IRRIT TO EYES
OF ALBINO RABBITS WHEN SPRAYED DIRECTLY INTO EYES FOR 2 SEC FROM
DIST OF 4 IN. SKIN:MAY CAUSE MI LD IRRIT. INHAL: HIGH CONCS OF VAPS
MAYCAUSE RESP SYS IRRIT & TEMPORARY NERVOUS SYS IMPAIRMENT. SYMPS
(EFTS OF OVEREXP)

Exp

lanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: MAY INCL COUGH, HDCH, NAUS, VOMIT, DIZZ & DISCOMFORT TO NOSE, THROAT & CHEST. INGEST: MAY CAUSE DIGESTIVE SYS IRRIT, LIVER & KIDNEY INJURY. SYMPS MAY INCL HDCH, ABDOMINAL PAIN, NAUS, VOMIT & WEAK. CHRONIC: ANIMAL STUDIES HAVE CLEARLY SHOWN DOSE-RELATED ADVERSE EFTS TO CNS, HEMATOPOIETIC TISS, BLOOD, (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. CONTINUE FOR AT LEAST 15 MINUTES HOLDING EYELIDS OPEN. CALL MD. SKIN: WASH AFFECTED AREA WITH SOAP & WATER. INHALATION: IF SYMPTOMS OCCUR, REMOVE PER SON TO FRESH AIR. IF SYMPTOMS CONTINUE,CALL MD. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY CALL MD.

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

Flash Point Method:TCC

Flash Point:196F,91C

Extinguis

hing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . TREAT AS A PRESSURIZED CONTAINER.

Unusual Fire/Explosion Hazard:COMBUSTIBLE. TREAT AS A PRESSURIZED CONTAINER.

===== Accidental Release Measures =====

Spill Release Procedures:IF ANY CANS RUPTURE, EXTINGUISH ALL IGNITION SOURCES & VENTILATE AREA. OBSERVE PRECAUTIONS FROM OTHER SECTIONS. USE ABSORBENT MATERIAL AS NEEDED

IN CLEAN-UP PROCEDURE. PLACE CANS

IN DOT APPROVED CONTA INER & SEAL. WASH DOWN AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPKS & FLAME.

CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F (49C). KEEP OUT OF THE REACH OF CHILDREN.

Other Precautions:AVOID DIRECT EYE CONTACT. AVOID PROLONGED AND REPEATED BREATHING O

F VAPORS OR SPRAY. AVOID PROLONGED AND REPEATED SKIN CONTACT.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:USE ONLY IN AREAS W/SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW THE RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EYE WASH FOUNTAIN & DE LUGE SHOWER MEETING

ANSI DESIGN CRITERIA .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH: 11.60-12.00. EFTS OF OVEREXP: KIDNEYS & LIVER ASSOC W/ADMIN OF 2-BUTOXYETHANOL. (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO. 90-118) . 2-BUTOXYETHANOL, BY SKIN ABSORPTION OR INGESTION, MAY CAUSE BLOOD CHANGES BASED ON ANIMAL STUDIES. WASTE DISP PROC: APPLIC FED, STATE & LOCAL REGS/AUTHS BEFORE DISPOSAL.

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

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.0 (H²O=1)

pH:SUPDAT

Solubility in Water:COMPLETE

Appearance and Odor:WHITE, FOAMY VISCOUS LIQUID; BLAND ODOR.

Percent Volatiles by Volume:98

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:DO NOT STORE ABOVE 120F (49C).

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND SMO

KE PARTICLES.

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

Waste Disposal Methods:DO NOT PUNCTURE/BURN CANS IN HOUSEHOLD INCIN. INCIN IN PERMITTED HAZ WASTE FACILITY THAT CAN HANDLE AEROSOL CANS SAFELY. EMPTY CNTNR MAY BE SANITARY LANDFILLED. CAN CONTENTS MAY BE BLED INTO WASTEWATER TREATMENT SYS. SINCE REGS VARY, CONSULT (SUPDAT)

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