

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: BXBZ

=== 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 CANADA 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
ACGIH 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

===== Haza
rds 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 & T

EMPORARY NERVOUS SYS IMPAIRMENT. SYMPS
(EFTS OF OVEREXP)

Explanation 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 Exp

osure:NONE SPECIFIED BY MANUFACTURER.

===== 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 =====
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Flash Point Method:TCC

Flash Point:196F,91C

Extinguishing 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 PRECAU
TIONS 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 OF 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 & DELUGE 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: APPLICATED, 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

composition Products:CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE 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 RELEASED INTO WASTEWATER TREATMENT SYS. SINCE REGS VARY, CONSULT (SUPDAT)

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