

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 12-07-94 REVISED 05-22-02

MATERIAL SAFETY DATA SHEET

PRE-TREAT & TRAFFIC LANE CLEANER

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: FOX VALLEY CHEMICAL
INFORMATION: 815-653-2660
EMERGENCY # 800-325-3699

PRODUCT CLASS: BLEND HAZARD RATINGS

TRADE NAME: PRETREAT & TRAFFIC	4-EXTREME
PRODUCT CODE: C985001	3-HIGH
CAS#: SEE BELOW	2-MODERATE
RAW MATERIAL: 1E4036	1 - SLIGHT

0-INSIGNIFICANT

FIRE - 0 HEALTH - 0 REACTIVE - 0 SPECIAL - 0

SECTION II - HAZARDOUS COMPONENTS

COMPONENTS:	% BY WT	
NO#1 2-BUTOXYETHANOL	193	3.62

NONE OF THE COMPONENTS OF THIS PRODUCT ARE RECOGNIZED AS CARCINOGENIC.

OCCUPATIONAL EXPOSURE LIMITS:

(OSHA) PEL/TWA 25.000ppm	PEL/CEILING: N/E
(OSHA) PEL/STEL: N/E	PEL/CEILING: SKIN Y
(ACGIH) TLV/TWA: 25.000ppm	TLV/CEILING: N/E
(ACGIH) TLV/STEL: N/E	TLV/CEILING: SKIN Y

*(SKIN) ABSORPTION MAY CONTRIBUTE TO THE OVERALL EXPOSURE TO THIS MATERIAL. TAKE APPROPRIATE MEASURES TO PREVENT SKIN CONTACT.

(Y = YES N = NO N/E = NOT ESTABLISHED

SECTION III - PHYSICAL DATA

BOILING POINT: 212F

EVAPORATION RATE: < 1 (ETHER = 1)

% SOLID: 0.53 (THEORETICAL)

VAPOR DENSITY: > 1 (AIR = 1)

WEIGHT PER GALLON: 8.29 (THEORETICAL)

(BOILING POINT REPRESENTS BOILING POINT OF LOWEST BOILING RAW MATERIAL.)

SECTION IV - HEALTH INFORMATION

EYE CONTACT:

BASED ON THE PRESENCE OF COMPONENT 1 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. EXPOSURE MAY CAUSE CORNEAL INJURY. BASED ON THE PRESENCE OF COMPONENT 1 PRODUCT VAPORS AND/OR MISTS MAY ALSO BE IRRITATING TO THE EYES.

SKIN CONTACT:

EXPOSURE MAY PRODUCE SKIN IRRITATION. BASED ON THE PRESENCE OF COMPONENT 1 ABSORPTION THROUGH THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS THOSE DESCRIBED FOR INHALATION AND INGESTION.

INHALATION:

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENT 1 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION.

INGESTION:

BASED ON THE PRESENCE OF COMPONENT 1 PRODUCT IS PRESUMED TO BE MODERATELY TOXIC. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE KIDNEY DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE LIVER DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

SIGNS AND SYMPTOMS:

SYMPTOMS OF EYE IRRITATION INCLUDE PAIN, TEARING, REDDENING AND SWELLING. SYMPTOMS OF SKIN IRRITATION INCLUDE REDDENING, SWELLING, RASH AND REDNESS. SYMPTOMS OF RESPIRATORY IRRITATION INCLUDE RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH AND REDUCED LUNG FUNCTION. SYMPTOMS OF GASTROINTESTINAL IRRITATION INCLUDE SORE THROAT, ABDOMINAL PAIN, NAUSEA, VOMITING AND DIARRHEA. BASED ON THE PRESENCE OF COMPONENT 1 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. SYMPTOMS OF CHRONIC OVEREXPOSURE INCLUDE LOSS OF MEMORY, LOSS OF INTELLECTUAL ABILITY AND LOSS OF COORDINATION.

AGGRAVATED MEDICAL CONDITIONS:

PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED LIVER FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

OTHER HEALTH EFFECTS:

BASED ON THE PRESENCE OF COMPONENT 1 CHRONIC OVEREXPOSURE MAY CAUSE INJURY TO THE KIDNEYS AND LIVER. BASED ON THE PRESENCE OF COMPONENT 1 CHRONIC OVEREXPOSURE MAY CAUSE DAMAGE TO THE RED BLOOD CELLS.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF ANY SYMPTOMS PERSIST.

SKIN CONTACT:

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 12-07-94 REVISED 05-22-02

MATERIAL SAFETY DATA SHEET

PRE-TREAT & TRAFFIC LANE CLEANER

REMOVE CONTAMINATED CLOTHING AND SHOES. WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. DO NOT REUSE CLOTHING UNTIL THOROUGHLY DECONTAMINATED.

INHALATION:

REMOVE VICTIM TO FRESH AIR AND TREAT SYMPTOMATICALLY. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF THE VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION.

INGESTION:

DILUTE WITH TWO GLASSES OF WATER UNLESS THE VICTIM IS UNCONSCIOUS OR VERY DROWSY. INDUCE VOMITING BY GIVING TWO TABLESPOONS OF IPECAC OR BY TOUCHING A FINGER TO THE BACK OF THE VICTIM'S THROAT. KEEP THE VICTIM'S HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. CONSULT A PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER AND/OR TRANSPORT TO AN EMERGENCY FACILITY IMMEDIATELY.

NOTES FOR PHYSICIAN:

THE FOLLOWING COMPONENT-SPECIFIC INFORMATION MAY CONTAIN CONTRADICTIONS, AND IS INTENTIONALLY INCLUDED TO GIVE THE ATTENDING PHYSICIAN SPECIFIC INFORMATION ABOUT THE INDIVIDUAL COMPONENTS OF THE BLEND.

>>COMPONENT 1 IS TOXIC AND THE PROPER FIRST AID IS TO INDUCE VOMITING.

SECTION VI – FIRE AND EXPLOSION HAZARDS

FLASH POINT: > 200 DEGREES F TCC

EXTINGUISHING MEDIA:

USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINERS THAT ARE EXPOSED TO DIRECT FLAME SHOULD BE COOLED WITH WATER TO ELIMINATE STRUCTURAL WEAKENING OF THE CONTAINER'S WALL AND POSSIBLE RUPTURE..

SECTION VII - REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID:

BASED ON THE PRESENCE OF COMPONENT 1 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENT 1 AVOID STRONG ACIDS. BASED ON THE PRESENCE OF COMPONENT 1 AVOID AMINES AND ALKANOLAMINES. BASED ON THE PRESENCE OF COMPONENT 1 AVOID CHLORINE AND HYPOCHLORITES. BASED ON THE PRESENCE OF COMPONENT 1 AVOID AMINES, POLYAMINES, AND POLYAMIDES UNDER UNCONTROLLED CONDITIONS.

PAGE – 2

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION VIII – EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:

USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS – AT LEAST 10 AIR CHANGES PER HOUR ARE RECOMMENDED FOR GOOD GENERAL ROOM VENTILATION. IF EXPOSURE EXCEEDS THE PEL/TLV, USE THE APPROPRIATE NIOSH-APPROVED RESPIRATOR.

PROTECTIVE CLOTHING:

WEAR SAFETY GLASSES, GOGGLES, OR A SPLASH SHIELD TO PREVENT EYE CONTACT. CONTACT LENSES SHOULD NOT BE WORN. WEAR APPROPRIATE GLOVES AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND CLOTHING.

ADDITIONAL PROTECTIVE MEASURES:

EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

SECTION IX – ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES:

LARGE SPILLS>> EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE. SMALL SPILLS >> TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINER; SEAL TIGHTLY FOR PROPER DISPOSAL.

WASTE DISPOSAL:

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 12-07-94 REVISED 05-22-02

MATERIAL SAFETY DATA SHEET

PRE-TREAT & TRAFFIC LANE CLEANER

OBSERVE ALL FEDERAL, STATE, AND LOCAL
REGULATIONS REGARDING PROPER DISPOSAL.

SECTION X - ADDITIONAL PRECAUTIONS

AFTER CONTACT WITH PRODUCT OF CONTAINER WASH
WITH SOAP AND WATER BEFORE EATING, DRINKING,
SMOKING, OR USING TOILET FACILITIES.

UNDER THE PROVISIONS OF TITLE III, SECTION 313 OF THE
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
OF 1986 AND 40 CFR, PART 372, THE FOLLOWING
COMPONENTS MAY BE SUBJECT TO REPORTING:

2 - BUTOXYETHANOL(CAS# 000111-76-2) 3.62 WT%

THE INFORMATION CONTAINED HEREIN IS BASED ON THE
DATA AVAILABLE TO US AND IS BELIEVED TO BE
CORRECT. HOWEVER, WE MAKE NO WARRANTY,
EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF
THIS DATA OR THE RESULT TO BE OBTAINED FROM THE
USE THEREOF. WE ASSUME NO RESPONSIBILITY FOR
INJURY FROM THE USE OF THE PRODUCT DESCRIBED
HEREIN.

PAGE - 3