

# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 02-18-04 REVISED 05-26-04

MATERIAL SAFETY DATA SHEET

## BREAK AWAY CARPET DEGREASER

### SECTION I - PRODUCT IDENTIFICATION

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

PRODUCT CLASS: BLEND HAZARD RATINGS:

TRADE NAME: BREAK AWAY 4-EXTREME  
CARPET DEGREASER SPOT & STAIN 3-HIGH  
PRODUCT CODE: C981001 & C981005 2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

FIRE - 1 HEALTH - 2 REACTIVE - 0 SPECIAL - 0

### SECTION II -A- HAZARDOUS COMPONENTS

NO	COMPONENT	% BY WT
1	INORGANIC BUILDER	5 - 10
2	SURFACTANT	5 - 10
3	GLYCOL ETHER	5 - 10
4	ALKALI	1 - 5

NONE OF THE COMPONENTS OF THIS PRODUCT ARE  
RECOGNIZED AS CARCINOGENIC. (N/A = NOT  
APPLICABLE)

### SECTION II-B OCCUPATIONAL EXPOSURE LIMITS

NO	(OSHA) PEL/TWA	PEL/CEILING
1	N/E	N/E
2	N/E	N/E
3	25.000ppm	N/E
4	N/E	2.00 mg/m3

NO	(OSHA0) PEL/STEL	SKIN*
1	N/E	N/E
2	N/E	N
3	N/E	Y
4	N/E	N

NO	(ACGIH) TLV/TWA	TLV/CEILING
1	N/E	N/E
2	N/E	N/E
3	25.000ppm	N/E
4	N/E	2.00mg/m3

NO	(ACGIH) TLV/STEL	SKIN*
1	N/E	N/E
2	N/E	N
3	N/E	Y
4	N/E	N

MANUFACTURER EXPOSURE LIMITS FOR COMPONENT 1:  
2.000mg/m3 c as NaOH

- (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: 212 (DEGREES F)  
EVAPORATION RATE: <1 (ETHER=1) % SOLID: 12.28  
(THEORETICAL)  
VAPOR DENSITY: >1 (AIR = 1) WEIGHT PER GALLON: 8.87  
(THEORETICAL)  
(Boiling point represents boiling point of lowest boiling raw  
material.)

### SECTION IV - HEALTH INFORMATION

EYE CONTACT -

BASED ON THE PRESENCE OF COMPONENT 4 PRODUCT IS  
PRESUMED TO BE CORROSIVE TO THE EYES. EXPOSURE  
MAY CAUSE CHEMICAL BURNS AND EXTENSIVE  
CORNEAL INJURY. BASED ON THE PRESENCE OF  
COMPONENT 3 PRODUCT VAPORS AND/OR MISTS MAY  
ALSO BE IRRITATING TO THE EYES.

SKIN CONTACT -

BASED ON THE PRESENCE OF COMPONENT 4 PRODUCT IS  
PRESUMED TO BE CORROSIVE TO THE SKIN AND  
EXPOSURE MAY CAUSE CHEMICAL BURNS. BASED ON  
THE PRESENCE OF COMPONENT 3 ABSORPTION THROUGH  
THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS  
THOSE DESCRIBED FOR INHALATION AND INGESTION.

INHALATION -

BASED ON THE PRESENCE OF COMPONENT 4 PRODUCT  
VAPORS AND/OR MISTS ARE CORROSIVE TO THE NOSE,  
THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS  
MEMBRANES. OVEREXPOSURE MAY RESULT IN  
CHEMICAL PNEUMONITIS OR PULMONARY EDEMA WHICH  
ARE POTENTIALLY FATAL. BASED ON THE PRESENCE OF  
COMPONENT 3 EXPOSURE TO HIGH CONCENTRATIONS OF  
VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM  
DEPRESSION.

INGESTION -

BASED ON THE PRESENCE OF COMPONENT 4 PRODUCT IS  
CORROSIVE AND MAY CAUSE CHEMICAL BURNS TO THE  
GASTROINTESTINAL TRACT. BASED ON THE PRESENCE  
OF COMPONENT 3 INGESTION MAY CAUSE KIDNEY  
DAMAGE. BASED ON THE PRESENCE OF COMPONENT 3  
INGESTION MAY CAUSE LIVER DAMAGE. BASED ON THE  
PRESENCE OF COMPONENT 3 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

# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 02-18-04 REVISED 05-26-04

MATERIAL SAFETY DATA SHEET

## BREAK AWAY CARPET DEGREASER

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 3 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 3 CHRONIC OVEREXPOSURE MAY CAUSE INJURY TO THE KIDNEYS AND LIVER. BASED ON THE PRESENCE OF COMPONENT 3 CHRONIC OVEREXPOSURE MAY CAUSE DAMAGE TO THE RED BLOOD CELLS.

### SECTION V – EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT –

IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK PROMPT MEDICAL ATTENTION.

SKIN CONTACT –

IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND SHOES. WIPE EXCESS FROM SKIN AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES USING SOAP IF AVAILABLE. SEEK PROMPT MEDICAL ATTENTION. 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 –

DO NOT INDUCE VOMITING, VOMITING WILL CAUSE FURTHER DAMAGE TO THE THROAT. DILUTE BY GIVING WATER OR MILK TO DRINK IF THE VICTIM IS CONSCIOUS, 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.

COMPONENTS 1 AND 4 MAY CAUSE SEVERE, PERMANENT DAMAGE IF ASPIRATED AND VOMITING SHOULD NOT BE INDUCED.

COMPONENT 3 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 –

PAGE – 2

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

CONDITION AND MATERIALS TO AVOID –

BASED ON THE PRESENCE OF COMPONENTS 2 AND 3 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENTS 1 AND 3 AVOID STRONG ACIDS. BASED ON THE PRESENCE OF COMPONENT 3 AVOID AMINES AND ALKANOLAMINES. BASED ON THE PRESENCE OF COMPONENT 4 AVOID ALUMINUM AND ITS ALLOYS. BASED ON THE PRESENCE OF COMPONENT 4 AVOID CONTACT WITH ZINC. BASED ON THE PRESENCE OF COMPONENT 3 AVOID CHLORINE AND HYPOCHLORITES. BASED ON THE PRESENCE OF COMPONENT 4 AVOID BRASS. BASED ON THE PRESENCE OF COMPONENTS 3 AND 4 AVOID AMINES, POLYAMINES, AND POLYAMIDES UNDER UNCONTROLLED CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS –

OXIDES AND COMPOUNDS OF SULFUR, 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

# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 02-18-04 REVISED 05-26-04

MATERIAL SAFETY DATA SHEET

## BREAK AWAY CARPET DEGREASER

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

PAGE - 3

---

### 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 CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

WASTE DISPOSAL –

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

---

### SECTION X – ADDITIONAL PRECAUTIONS

---

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

UNDER THE PROVISIONS OF TITLE III, SECTION 313 OF THE SUPER FUND 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) 5.13 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 RESULTS TO BE OBTAINED FROM THE USE THEREOF. WE ASSUME NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.