

# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129  
RINGWOOD, IL. 60072

ORIGINAL DATE 04-18-94 REVISED 04-01-02  
MATERIAL SAFETY DATA SHEET

## FOX 45

### SECTION I - PRODUCT IDENTIFICATION

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

PRODUCT CLASS: SURFACTANT BLEND

TRADE NAME: FOX 45  
PRODUCT CODE: D7404000  
CAS#: NONE

HAZARD RATINGS:  
4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

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FIRE - 0 TOXICITY - 0 REACTIVE - 0 SPECIAL - 0

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	WEIGHT EXPOSURE LIMIT % ACGIH/TWA OSHA/PEL
NONE		

### SECTION III - PHYSICAL DATA

BOILING RANGE: 212 F.  
VAPOR DENSITY: (AIR=1)HEAVIER  
EVAP RATE:(ETHER=1)-  
SOLUBILITY IN WATER: COMPLETE  
SLOWER THAN ETHYL ETHER  
DISPERSIBLE IN ALL PROPORTIONS.  
VOLATILES VOL: 87%  
PH: 11.7 @ 13% SOLIDS IN AQUEOUS MEDIUM  
VAPOR PRESSURE: ND  
APPEARANCE & ODOR: @ 70 CLEAR LIQUID

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS:	FLASH POINT:	LEL:
N/A	200 F.	N/D

EXTINGUISHING MEDIA: CO 2 DRY CHEMICALS,  
SYNTHETIC FOAM, OR WATER. TYPE BC OR ABC  
EXTINGUISHERS.  
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-  
CONTAINED BREATHING APPARATUS FOR MAXIMUM  
RESPIRATORY PROTECTION. WATER MAY BE USED TO  
COOL CONTAINERS IF NOT RUPTURED OR LEAKING.

UNUSUAL FIRE & EXPLOSION HAZARDS: Strong acids and  
bases react with aluminum to form hydrogen which is explosive if  
ignited. Dust may present an explosion hazard. Fluorocarbons will  
develop pressure in containers heated above 75 degrees.

### SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

EFFECTS OF OVEREXPOSURE: CONTACT WITH EYES  
CAUSES IRRITATION. PROLONGED CONTACT WITH SKIN  
MAY CAUSE IRRITATION. DUSTS, VAPORS, OR MISTS MAY  
IRRITATE RESPIRATORY PASSAGES. IF CORROSIVE (SEE  
SECTION I) CONTACT MAY CAUSE CHEMICAL BURNS. IF  
ALCOHOL OR OTHER SOLVENTS ARE PRESENT ABOVE  
TLV (SEE SECTION II), VAPORS MAY CAUSE DROWSINESS,  
NAUSEA, LOSS OF MOTOR SKILLS OR DISORIENTATION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:  
CARCINOGENICITY: ( ) OSHA ( ) NTP ( ) IARC

#### FIRST AID:

INHALATION: IF DUST, VAPORS, OR MIST CAUSE  
DISTRESS, REMOVE TO FRESH AIR. USE OXYGEN OR  
ARTIFICIAL RESPIRATION IF NEEDED.  
SKIN CONTACT: WASH OFF SKIN AND REMOVE  
CONTAMINATED CLOTHING, DO NOT RE-USE  
CONTAMINATED CLOTHING.  
EYE CONTACT: FLUSH EYES IMMEDIATELY WITH PLENTY  
OF WATER FOR AT LEAST 15 MINUTES.  
INGESTION: IF SWALLOWED CONSULT PHYSICIAN  
IMMED.

### SECTION VI - REACTIVITY DATA

STABILITY: ( ) UNSTABLE (X) STABLE  
HAZARDOUS POLYMERIZATION: ( ) MAY OCCUR (X) WILL  
NOT OCCUR  
INCOMPATIBILITY: STRONG OXIDIZING AGENTS  
CONDITIONS TO AVOID: N/A  
HAZARDOUS DECOMPOSITION PRODUCTS: NITROUS  
OXIDES, AMMONIACAL VAPORS.

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR  
SPILLED: CONTAIN ALL SPILLS AND LEAKS TO PREVENT  
DISCHARGE TO THE ENVIRONMENT. VENTILATE AREA. IF  
FLAMMABLE OR COMBUSTIBLE, (SEE SECTION I), AVOID  
SPARK, FIRES AND OPEN FLAMES, AND USE NON-  
SPARKING EQUIPMENT. IF STRONG ACID (SEE SECTION  
III), CAREFULLY NEUTRALIZE WITH LIME, SODIUM  
CARBONATE OR SODIUM BICARBONATE.  
SMALL SPILL: SOAK UP WITH ABSORBENT. SHOVEL INTO  
WASTE CONTAINERS. FLUSH AREA WITH WATER.  
LARGE SPILL: RECOVER SPILLED MATERIAL FOR  
REPROCESSING OR DISPOSAL.  
WASTE DISPOSAL METHOD: RECOVER LIQUID OR DISPOSE  
WASTE MATERIAL, (INCINERATION IS PREFERRED), IN  
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE  
AND LOCAL REGULATIONS AND LAWS. MATERIAL  
COLLECTED WITH ABSORBENT MAY BE DISPOSED OF IN A  
PERMITTED LANDFILL IN ACCORDANCE WITH ALL  
FEDERAL, STATE AND LOCAL REGULATIONS AND LAWS.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION: IF VAPORS, FUMES, OR DUSTS ARE PRESENT, USE MSHA OR NIOSH APPROVED RESPIRATOR, OR FRESH AIR BREATHING APPARATUS, OR A SELF-CONTAINED BREATHING APPARATUS – VENTILATION: PROVIDE ADEQUATE VENTILATION. KEEP HAZARDOUS INGREDIENTS BELOW THEIR TLV.

PROTECTIVE GLOVES: N/A

EYE PROTECTION: WEAR GOGGLES OR FULL FACE SHIELD WHEN HANDLING TO AVOID CONTACT WITH FACE OR EYES.

OTHER PROTECTIVE EQUIPMENT: USE IMPERVIOUS GLOVES AND ANY OTHER PROTECTIVE EQUIPMENT TO PREVENT PROLONGED OR REPEATED CONTACT.

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### SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

AVOID OVER HEATING OR FREEZING. (SEE SECTION III).

STORE IN A COOL WELL-VENTILATED AREA. IF

FLAMMABLE OR COMBUSTIBLE,(SEE SECTION I) AVOID

SPARKS, FIRES, OPEN FLAMES. GROUND EQUIPMENT

WHEN TRANSFERRING OR USING MATERIAL.

DO NOT TAKE INTERNALLY!

IF INGESTED, CALL A PHYSICIAN!

DO NOT INHALE VAPORS, FUMES, OR DUSTS!

WASH THOROUGHLY AFTER HANDLING!

SPILLED MATERIAL IS SLIPPERY!

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