

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

EFFECTIVE 09-78 REVISED 01-21-02

MATERIAL SAFETY DATA SHEET

DEFEAT LEMON

SECTION I - PRODUCT IDENTIFICATION

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

PRODUCT CLASS: SURFACTANT BLEND

TRADE NAME: DEFEAT	HAZARD RATING:
PRODUCT CODE: D716000	4-EXTREME
C.A.S. #: NONE	3-HIGH
	2-MODERATE
	1-SLIGHT
	0-INSIGNIFICANT

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 @ AS IS
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 FIREFIGHTING 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.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

AVOID OVERHEATING 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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