

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129
RINGWOOD, IL. 60072
EFFECTIVE 09/72 REVISED 03-01-02
MATERIAL SAFETY DATA SHEET

QAT 900

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: FOX VALLEY CHEMICAL
INFORMATION: 815-653-2660
EMERGENCY: 800-325-3699
PRODUCT CLASS: SURFACTANT BLEND

HAZARD RATINGS:

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT

TRADE NAME: QAT 900
PRODUCT CODE: D790000
C.A.S. #: SEE BELOW

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

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	WEIGHT %	EXPOSURE LIMIT ACGIH/TLV OSHA/PEL
ETHYL ALCOHOL DENATURED	64-17-5	1.1%	1000 ppm

SECTION III - PHYSICAL DATA

BOILING POINT: 212 DEGREES F.
EVAPORATION RATE (ETHER=1): SLOWER THAN ETHYL ETHER
VAPOR DENSITY (AIR =1): HEAVIER
SOLUBILITY IN WATER: COMPLETE DISPERSIBLE IN ALL

pH: 12.0 @ 24% SOLIDS
VOLATILES VOL: 76%
VAPOR PRESSURE : NOT DETERMINED
APPEARANCE & ODOR: @70 DEGREES, CLEAR LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 200 DEGREES F.
FLAMMABILITY CLASS: N/A
EXTINGUISHING MEDIA: CO2 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

SIGNS & SYMPTOMS OF OVER-EXPOSURE: 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

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

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 SPILLS: SOAK UP WITH ABSORBENT. SHOVEL INTO WASTE CONTAINERS. FLUSH AREA WITH PLENTY OF WATER.
LARGE SPILLS: 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.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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.

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

VENTILATION: PROVIDE ADEQUATE VENTILATION. KEEP HAZARDOUS INGREDIENTS BELOW THEIR TLV.

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 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!

----- SECTION X DISCLAIMER OF LIABILITY -----

DISCLAIMER OF LIABILITY-

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. ALL CHEMICALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST. FINAL DETERMINATION OF SUITABILITY OF THE CHEMICAL IS THE SOLE RESPONSIBILITY OF THE USER. USERS OF ANY CHEMICAL SHOULD SATISFY THEMSELVES THAT THE CONDITIONS AND METHODS OF USE ASSURE THAT THE CHEMICAL IS USED SAFELY. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED

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