



FLO-KER, INC.
19402 SUSANA RD.
RANCHO DOMINGUEZ, CA 90221
EMERGENCY TEL. NO. 213-632-7124

7953 S. E. 13th
PORTLAND, OR 97202

MATERIAL SAFETY DATA SHEET
ESSENTIALLY SIMILAR TO FORM OSHA 174

SECTION I. IDENTIFICATION OF PRODUCT LIQUID ALIVE

IDENTITY: FLO-ZYRE
MSDS NUMBER: 5195
DATE PREPARED: 3-20-86
REVISION: 0

HAZARD RATING:
4 = EXTREME 1 = SLIGHT
3 = HIGH 0 = INSIGNIFICANT
2 = MODERATE * = SEE SECTION IV

TOXICITY: 0
FIRE: 0
REACTIVITY: 0
SPECIAL:

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL
IDENTITY-COMMON NAME(S):

NONE

CAS NUMBER:
OSHA PEL:
ACGIH TLV:
OTHER LIMITS RECOMMEN-
D (OPTIONAL):

copy

SECTION III. PHYSICAL PROPERTIES

BOILING POINT: 212F
VAPOR PRESSURE (MM HG.): NA
VAPOR DENSITY (AIR = 1): NA
SOLUBILITY IN WATER: COMPLETE
APPEARANCE: MILKY EMULSION
ODOR: PLEASANT

SPECIFIC GRAVITY (H2O=1): 1.008
MELTING POINT: NA
EVAPORATION RATE
(BUTYL ACETATE = 1): 1
PH @ 77 F: 6-7

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD USED): 212F
FLAMMABLE LIMITS: NA

LEL: NA UEL: NA

EXTINGUISHING MEDIA: ANY APPROPRIATE MEDIUM FOR EXTINGUISHING SURROUNDING FIRE

SPECIAL FIRE FIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION V. HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? X EYES? SKIN? X INGESTION?

(ACUTE) HEALTH HAZARDS:

SKIN: MAY CAUSE ALLERGIC SKIN REACTION.

INHALATION: MAY CAUSE ALLERGIC RESPIRATORY REACTION.

(CHRONIC) HEALTH HAZARDS:

NONE CURRENTLY KNOWN.

SIGNS AND SYMPTOMS OF EXPOSURE:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER.

SKIN: WASH OFF WITH WATER. WASH CLOTHING BEFORE REUSE.

INGESTION: CALL PHYSICIAN FOR MEDICAL ADVICE.

INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION

SECTION VI. TOXICITY DATA

CARCINOGENICITY: NO NTP? IARC MONOGRAPHS? OSHA REGULATED?

ORAL:

SERIAL:

INHALATION:

SECTION VII. REACTIVITY DATA

STABILITY

UNSTABLE:

STABLE: X

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS OR ALKALI BASES; MAY IRRITATE BIOLOGICAL CULTURES.

HAZARDS DECOMPOSITION OR BYPRODUCTS:

HAZARDOUS POLYMERIZATION - MAY OCCUR:
WILL NOT OCCUR: X

CONDITIONS TO AVOID:

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: WASH DOWN NEAREST DRAIN WITH WATER.

LARGE SPILLS: DIKE MATERIALS AND RECOVER WITH ABSORBANTS OR VACUUM SYSTEMS.

WASTE DISPOSAL METHOD:

WASH DOWN DRAIN OR SEWER. CLEAN EMPTY CONTAINERS WITH DETERGENT, WATER AND SODIUM HYPOCHLORITE AND RINSE OUT BEFORE DISPOSAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

KEEP CONTAINERS TIGHTLY CLOSED. KEEP FROM FREEZING. AVOID PROLONGED EXPOSURE TO TEMPERATURES ABOVE 115F.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

SECTION IX. CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NEEDED.

VENTILATION: NA

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: DO NOT SPLASH

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE REQUIRED

WORK/HTGIENIC PRACTICES:

THE RECOMMENDATIONS DESCRIBED IN THIS SECTION ARE PROVIDED AS GENERAL GUIDANCE FOR MINIMIZING EXPOSURE WHEN HANDLING THIS PRODUCT. BECAUSE USE CONDITIONS VARY DEPENDING UPON CUSTOMER APPLICATIONS. SPECIFIC SAFE HANDLING PROCEDURES SHOULD BE DEVELOPED BY PERSON KNOWLEDGEABLE OF THE INTENDED USE CONDITIONS AND EQUIPMENT.

SECTION X. DOT HAZARDOUS INFORMATION

UN/NA:

CLASSIFICATION:

PROPER SHIPPING NAME:

PHOTO CHEMICALLY REACTIVE? _____X

NON-PHOTO CHEMICALLY REACTIVE? _____

<4% _____ >4% _____

SECTION XI. MISCELLANEOUS INFORMATION

NONE

ALL INFORMATION, RECOMMENDATIONS, AND SUGGESTIONS APPEARING HEREIN CONCERNING THIS PRODUCT ARE BASED UPON DATA OBTAINED FROM THE MANUFACTURER AND/OR RECOGNIZED TECHNICAL SOURCES; HOWEVER, FLO-KEH, INC. MAKES NO WARRANTY, REPRESENTATION OR GUARANTY AS TO THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE MATERIAL SET FORTH HEREIN. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY OF HIS OWN USE, HANDLING AND DISPOSAL OF THE PRODUCT. ADDITIONAL PRODUCT LITERATURE MAY BE AVAILABLE UPON REQUEST. SINCE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OF IMPLIED, IS MADE BY FLO-KEH, INC. AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED OR THE SAFETY AND TOXICITY OF THE PRODUCT, NOR DOES FLO-KEH, INC. ASSURE ANY LIABILITY ARISING OUT OF USE BY OTHERS OF THE PRODUCT.

NA - NOT APPLICABLE
S - MAY BE ABSORBED THROUGH INTACT SKIN
ND - NO DATA AVAILABLE