

SAFETY DATA SHEETS

This SDS packet was issued with item:

074089090

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

074089025 074089033 074089058 074089066 074089082 074089108 074089124 074089132 074089140 074089157
074089165 074089173 074089322 074089330 074089413 074089504 074089512 074093001 074093019 074093076
074093100 074093233 074093241 074093258 074093308 074093316 074093324 074093332 074093340 074093472
272349090 272399137 272429066 272452605 272454866 272455780 272460467 272464162 272465656 272471423
272471431 273000550 273000825 273002514 273003765 273003851 273005955 273005956 273005957 273006586
273009671 273009861 273014016 273018908 273020542



TUBING FLUID FORMULA TF24

MSDS Number

BJGNK

National Stock Number

6840-00-926-9117

Product Name

TUBING FLUID FORMULA TF24

Manufacturer

ETHICON INC

Product Identification

Product ID:TUBING FLUID FORMULA TF24

MSDS Date:10/01/1993

FSC:6840

NIIN:00-926-9117

MSDS Number: BJGNK

Responsible Party

ETHICON, INC

ROUTE 22

SOMERVILLE , NJ 08876

US

Emergency Phone: 908-218-2702

Info Phone: 908-218-2702

Cage: 10614

Contractor

ETHICON, INC

158

SOMERVILLE, NJ 08876-0151

US

732-562-7117

Cage: 10614

Ingredients

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 86.3%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 12.6%



2-DIETHYLAMINOETHANOL

CAS: 100-37-8

RTECS: KK5075000

Fraction By Weight: 0.5%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM

SODIUM BENZOATE

CAS: 532-32-1

RTECS: DH6650000

Fraction By Weight: 0.5%

Hazards

LD50 LC50 Mixture:ORAL RATS LD50 = 5.8 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. PROLONGED CONTACT
CAUSES IRRITATION/CORNEAL BURNS/TISSUE DAMAGE. SKIN:
EXTENSIVE/REPEATED/PROLONGED CONTACT CAUSES BURNING & DERMATITIS.
INHALATION: IRRITATION OF NOSE/THROAT/RESPIRATORY TRACT.
INGESTION: SWALLOWING >150 ML CAN CAUSE DEATH.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, BURNING, ITCHING, REDNESS, RASH,
BLISTERS, CRUSTINESS, DRYING, DEFATTING, NASAL
DISCOMFORT/DISCHARGE, COUGHING, DROWSINESS, NAUSEA, HEADACHE,
STAGGERING, UNCONSCIOUSNESS, ABDOMINAL PAIN/DISCOMFORT, VOMITING,
DIARRHEA.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH
AFFECTED AREA W/WATER & WASH W/SOAP/MILD DETERGENT. INHALATION:
REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: IF
CONSCIOUS & HAS A GAG REFLEX, GIVE 2 GLASSES OF WATER. INDUCE
VOMITING BY GIVING IPECAC SYRUP/PLACING FINGER AT BACK OF THROAT.
NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:CC
Flash Point:64.4F
Lower Limits:2.5
Upper Limits:12
Extinguishing Media:CO2, DRY CHEMICAL, ALCOHOL FOAM
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED
SCBA W/FULL FACE PIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE.
USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. RESIDUE FROM SUTURE
PACKETS COMBINED IN SUFFICIENT QUANTITIES CAN FORM FLAMMABLE
MIXTURES AT/ABOVE 64F. (SEE SUPP)

Accidental Release

Spill Release Procedures:REMOVE IGNITION SOURCES/VENTILATE AREA. WEAR
PROTECTIVE CLOTHING/NIOSH APPROVED RESPIRATOR ADEQUATE FOR VAPOR
LEVELS IN AREA. LARGE: CONTAIN/ABSORB W/VERMICULITE/SAND/SUITABLE
FLOOR ABSORBENT. SMALL: ABSORB ON PAPER TOWELS/EVAPORATED IN FUME
HOOD.

Handling

Handling and Storage Precautions:USE PROPER BONDING/GROUNDING DURING
LIQUID TRANSFER.



Other Precautions:CONTAINERS MAY BE HAZARDOUS WHEN EMPTIED. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES. ALL HAZARD PRECAUTIONS GIVEN MUST BE OBSERVED.

Exposure Controls

Respiratory Protection:NONE USUALLY REQUIRED IN ROUTINE HOSPITAL ENVIRONMENT. WEAR NIOSH APPROVED AIR PURIFYING/AIR SUPPLIED RESPIRATOR, SELF CONTAINED BREATHING APPARATUS IN SOME MANUFACTURING SETTINGS/SPILL SITUATIONS.

Ventilation:ADEQUATE MECHANICAL TO PROTECT PERSONNEL FROM EXPOSURE TO VAPORS >OSHA PEL & TO MINIMIZE FIRE HAZARDS.

Protective Gloves:NEOPRENE, NITRILE/NATURAL RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SAFETY GOGGLES

Other Protective Equipment:FULL FACE SHIELD, IMPERVIOUS CLOTHING & BOOTS, EYE WASH FOUNTAIN, QUICK DRENCH FACILITY.

Supplemental Safety and Health

PH: 10.2-11.4. UNUSUAL FIRE CONT'D: VAPORS CAN TRAVEL TO DISTANT

IGNITION SOURCES/FLASH BACK. MATERIAL TO AVOID CONT'D:

HALOGENS/ETHYLENE OXIDE/HYDROGEN-PALLADIUM COMBINATION/HYPOCHLOROUS

ACID/POTASSI UM TERT-BUTOXIDE/ISOCYANATES/PHOSGENE/PERCHLORIC

ACID/NITROFORM/HYDROGEN PEROXIDE-SULFURIC ACID COMBINATION.

Chemical Properties

Boiling Pt:B.P. Text:176.72F

Vapor Pres:33

Vapor Density:2.07

Spec Gravity:0.818-0.821

pH:(SUPP)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAN COLORLESS LIQUID W/RUBBING ALCOHOL ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS/NITRIC ACID/SULFURIC

ACID/ALDEHYDES/CHLORINE/AMMONIA/ALUMINUM WHICH DISPLACES HYDROGEN/

(SUPP)

Stability Condition to Avoid:EXTREME HEAT, SPARKS, OPEN FLAME, OTHER

IGNITION SOURCES, POOR VENTILATION.

Hazardous Decomposition Products:CO, TOXIC GASES/VAPORS

Disposal

Waste Disposal Methods:CONTAIN & RECOVER LIQUID FOR RECLAMATION WHEN POSSIBLE. LARGE SPILLS MUST BE COLLECTED AS HAZARDOUS WASTE & DISPOSED OF AT A RCRA APPROVED TREATMENT/STORAGE/DISPOSAL FACILITY IAW/FEDERAL, STATE & LOCAL REGULATIONS. EPA WASTE NO. D001. FLAMABLE

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