



SAFETY DATA SHEET

SYNTHETIC CUTTING OIL

SECTION 1. IDENTIFICATION

Product Identifier

Product name: F4P Synthetic Cutting Oil - 1qt.

Product code(s): F4P CUT OIL QT

Details of the supplier and of the safety data sheet

Manufacturer: Armchem International, 3563 NW 53rd Court, Ft. Lauderdale, FL 33309

Distributor: F4P, 11675 SW Tom Mackie Blvd, Port St. Lucie, FL 34987

Emergency telephone number: CHEMTREC 1-800-424-9300

Poison Control telephone number: 1-800-222-1222

SECTION 2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT OPTIONAL
*Triethanolamine CAS# 102-71-6	NA	5mg/m3	NA NA	12-15
**Diethanolamine CAS# 111-42-2	3ppm	0.46ppm		1.5-3

*Triethanolamine is listed on the following states' right to know lists; FL, MA, PA, RI

**Diethanolamine is subject to SARA Section 313 and is listed on the following states' right to know lists; FL, IL, MA, NJ, PA, RI

Health	1
Reactivity	0
Flammability	0

SECTION 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212° F
Vapor Pressure(mm Hg)	NA
Vapor Density (water=1)	>1
Solubility in Water	Complete
Appearance and Odor	Clear, slightly viscous liquid
Specific Gravity (H2O=1)	>1
Melting Point	NA
Evaporation Rate	<1 (Butyl Acetate=1)



SAFETY DATA SHEET

SYNTHETIC CUTTING OIL

SECTION 4. FIRE AND EXPLOSION HAZARD

Flash Point (Method Used)	>300° F
Extinguishing Media	CO2 or dry chemical
Flammable Limits	-
LEL	-
UEL	-
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None

SECTION 5. FIRE-FIGHTING MEASURES

Stability	Stable [X]
Incompatibility (materials to avoid)	Strong oxidants
Hazardous Decomposition or Byproducts	None known
Hazardous Polymerization	Will not occur
Conditions to Avoid	-

SECTION 6. HEALTH HAZARD DATA

Route(s) of Entry	
Inhalation	No
Skin	Yes
Ingestion	Yes
Health Hazards (Acute and Chronic)	May irritate skin and eyes
Carcinogenicity	
NTP	No
(ARC Monographs)	No
OSHA Regulated	No
Medical Conditions Generally Aggravated by Exposure	None known
Emergency and First Aid Procedures	Flush eyes and skin with water. If irritation occurs, see physician. Ingestion - If person is conscious, give two glasses of water and induce vomiting. Get medical attention.



SAFETY DATA SHEET

SYNTHETIC CUTTING OIL

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled	Pick up with vacuum or absorbent.
Waste Disposal Method	According to Federal, state and local authorities.
Precautions For Storing and Handling	Keep from freezing.
Other Precautions:	None

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type)	Not required
Ventilation	-
Local Exhaust	-
Mechanical	-
Special	-
Other	-
Protective Gloves	Impermeable
Eye Protection	Goggles to prevent splashing, eye wash
Other Protective Clothing or Equipment	Impermeable
Work Hygienic Practices	Wash thoroughly after handling