

MATERIAL SAFETY DATA SHEET

373A

This MSDS complies with OSHA'S Hazard Communication standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health 1 Flammability 3 Reactivity-0 Special---	HMIS Rating: Health 1 Flammability 3 Reactivity-0 Personal Protection B
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120	DOT Hazard Classification: Consumer Commodity N.O.S. Identity (trade name as used on label): DYNAFLUX DRILLING & TAPPING FLUID (aerosol)
Prepared By: GS	MSDS Number: 373A Revision: 4/13/2010
Information Calls: (800)334-4420	NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA
Emergency Response Number: CHEMTEL US: (800)-255-3924 / International: 813-248-0585	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS NUMBER	SARA III LIST	OSHA PEL (PPM)	ACGIH TLV (ppm)	Carcinogen Ref. source*
Aliphatic Petroleum Distillates	64742-89-8	yes	400	300	d
VOC: 20%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Initial 240° F	Specific Gravity (H2O=1): .82
Vapor Pressure: (PSIG @ 70° F (Aerosols): 125	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): 10.2
Vapor Density: (Air=1): Unknown	Evaporation Rate (Ethyl Ether=1): <1
Solubility in Water: Negligible	Water Reactive: No

Appearance and Odor: Clear, thin liquid with hydrocarbon odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME:	Auto Ignition Temperature	Flammability Limits in Air by % in Volume:	
PROJECTION TEST (aerosols) Extremely Flammable	Unknown	%LEL: Unknown	%UEL: Unknown
FLASH POINT AND METHOD USED (non-aerosols): N.A.		EXTINGUISHER MEDIA: Foam, Carbon dioxide, Dry Chemical	
SPECIAL FIRE FIGHT PROCEDURES: Keep aerosol containers cool with water fog to prevent rupturing.			
Unusual Fire & Explosion Hazards: Vapors are heavier than air and can travel along the ground and accumulate in low areas and ignite.			

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Conditions to Avoid: Heat, sparks, open flames	
Incompatibility (Mat. to Avoid): Strong Oxidants	
Hazardous Decompositon Products: Carbon dioxide, carbon monoxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: Deliberate breathing large amounts of this vapor can be harmful.	
Eye contact: Mild irritant.	
Skin contact: Can cause skin defatting.	
Ingestion: Can cause chemical pneumonitis	
CHRONIC EFFECTS:	
Medical conditions Generally Aggravated by Exposure: Dermatitis, Asthma	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritation persists get medical attention.
Skin Contact: Wash with soap and water.
Inhalation: Move to fresh air.
Ingestion: Do not induce vomiting. Give several large glasses of water. If irritation persists get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type) None required
Protective Gloves: Butyl rubber if desired.
Eye Protection: Safety Glasses
Ventilation Requirements: Normal room ventilation is adequate.
Other Protective Clothing & Equipment: None needed.
Hygienic Work Practices: Wash with soap and water before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Eliminate all ignition sources. Small spill- soak up on absorbant. Sweep up and place in a closed container. Large Spills- Dike area and pump to a intact container. Absorb residue on absorbant. Sweep up and place into a closed container.
Waste Disposal Methods: Dispose in accordance with local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Do not store where temperatures can exceed 120°F to prevent aerosols from rupturing.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

*Chemical Listed as Carcinogen or Potential Carcinogen. [a] NPT [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only