

MATERIAL SAFETY DATA SHEET

372B

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-1; Reactivity-0; Special-		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Non Hazardous	
		Identity (trade name as used on label) DYNAFLUX SYNTHETIC CUTTING FLUID	
Prepared By: GS		MSDS Number: 372B	Revision: 4/13/2010
Information Calls: (800)334-4420		NOTICE: JUDGMENT 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*
Sodium Nitrite	7632-00-0	yes	N.E.	N.E.	d
VOC: 0%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F	Specific Gravity (H2O=1): 1.07
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature):17.6 mmHg
Vapor Density: (Air=1): 0.62	Evaporation Rate (HOH=1): 1
Solubility in Water: Complete	Water Reactive: No

Appearance and Odor: Light yellow to brown liquid with characteristic 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) NA	Unknown	%LEL: Unknown	%UEL: Unknown
FLASH POINT AND METHOD USED (non-aerosols): None to boiling.		EXTINGUISHER MEDIA: Carbon dioxide, water fog	
SPECIAL FIRE FIGHT PROCEDURES: NA			
Unusual Fire & Explosion Hazards: None			

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
Incompatibility (Mat. to Avoid): Strong oxidizing agents	Conditions to Avoid: None known
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of nitrogen	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input 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: No effects
Eye contact: Slight irritant
Skin contact: Could cause dermatitis
Ingestion: Irritant to mouth, stomach, esophagus.
CHRONIC EFFECTS:
Medical conditions Generally Aggravated by Exposure: Existing dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritation persists get medical attention.
Skin Contact: Flush with water.
Inhalation: Move to fresh air.
Ingestion: Give 2-4 glasses of water and induce vomiting. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Not necessary
Protective Gloves: Rubber if necessary
Eye Protection: Safety Glasses
Ventilation Requirements: Normal room ventilation is usually adequate.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash hands before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released:
Dike area and pump to intact container. Absorb residue with dirt and sweep up into a container.
Waste Disposal Methods: Dispose in accordance with federal, state and local regulations.
Precautions To Be Taken In Handling & Storage: Store in a cool dry place.
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