

MATERIAL SAFETY DATA SHEET

370A

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-2; Flammability-0; Reactivity-0 ; Special-		HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Consumer Commodity ORMD 48580 Sub 3 Identity (trade name as used on label): DYNAFLUX ALL METALCUTTING FLUID (aerosol)	
Prepared By: GS		MSDS Number: 370A 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*
Aliphatic Hydrocarbon	68153-37-3	NO	NE	NE	d
Isobutane/Propane blend	64742-52-5	NO	1000	1000	d
VOC: 10%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H₂O=1): 0.887
Vapor Pressure: (PSIG @ 70° F (Aerosols): 60 max.	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): NE	Evaporation Rate (BUAC=1): NE
Solubility in Water: NEG.	Water Reactive: No
Appearance and Odor: Blue liquid, clear. Slight hydrocarbon odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) Non flammable	Auto Ignition Temperature ND	Flammability Limits in Air by % in Volume:			
		%LEL: ND	ND	%UEL: ND	ND
FLASH POINT AND METHOD USED (non-aerosols): NA		EXTINGUISHER MEDIA: Dry chemical, CO ₂ , foam, water			
SPECIAL FIRE FIGHT PROCEDURES: Full emergency equipment with self contained breathing apparatus should be worn by fire fighters.					

Unusual Fire & Explosion Hazards:

Overheating of containers can result in rupture. Use cold water spray to cool fire exposed containers. Do not use forced spray as this can spread burning liquid. Do not expose to temperatures above 120°F.

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
Hazardous Decomposition Products: Formation of partially oxidized hydrocarbons, CO, CO ₂ , and SO ₂ may be possible.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: May cause irritation with symptoms of coughing and burning sensation in the throat.	
Eye Contact: Flush with plenty of water for at least 15 minutes. Consult a doctor if irritation persists.	
Skin contact: May cause irritation with symptoms of itching and redness.	
Ingestion: May cause irritation to the gastrointestinal tract.	
CHRONIC EFFECTS:	
Medical conditions Generally Aggravated by Exposure: Dermatitis	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Consult a doctor if irritation persists.
Skin Contact: Wash with soap and water.
Inhalation: Remove to fresh air. If breathing is difficult consult a physician.
Ingestion: Give several glasses of water. Do not induce vomiting. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Wear air purifying respirator equipped with organic vapor cartridge if vapor is irritating.
Protective Gloves: Chemical Resistant
Eye Protection: Wear chemical goggles where splashing of liquid or high mist or vapors concentration may occur.
Ventilation Requirements: General exhaust under normal usage conditions.
Other Protective Clothing & Equipment: Safety showers and eye wash stations should be easily accessible.
Hygienic Work Practices: Wash before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Cover spill with absorbant material such as sweeping compound or diatomaceous earth. Take up material and place in an appropriately labeled container. Dispose of properly according to state, federal and local regulations.
Waste Disposal Methods: Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal problems.
Precautions To Be Taken In Handling & Storage:
Avoid breathing vapors. Do not puncture or incinerate container. Do not store at temperatures above 120° F.
Other Precautions &/or Special Hazards: Avoid contamination of food. 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