

MATERIAL SAFETY DATA SHEET

391A

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 ORM-D 48580 Sub 3	
Prepared By: GS		Product Name: DYNAFLUX PENETRATING LUBRICANT	
Information Calls: (800)334-4420		MSDS Number: 391A	Revision: 4/13/2010
Emergency Response Number: CHEMTEL US: (800)-255-3924 / International: 813-248-0585		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	

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
Aliphatic Petroleum Distillates	8052-41-3	yes	100	100	d
C10 - c15 Iso alkenes	68551-19-9	no	none est	none est	d
VOC: 92%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Initial 240°F	Specific Gravity (H2O=1): ..78
Vapor Pressure: (PSIG @ 70° F (Aerosols): 125 PSIG	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): @68°F 10.2
Vapor Density: (Air=1): Unknown	Evaporation Rate (ethyl ether=1): <1
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Clear, yellow to honey colored liquid	

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:	%UEL:
FLASH POINT AND METHOD USED (non-aerosols): NA			
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.			
SPECIAL FIRE FIGHT PROCEDURES: Self contained breathing apparatus			
Unusual Fire & Explosion Hazards: Cool containers with water fog to prevent rupturing.			

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: ☒ STABLE ☐ UNSTABLE	HAZARDOUS POLYMERIZATION ☐ WILL ☒ WILL NOT OCCUR
Incompatibility (Mat. to Avoid): Heat, open flames, sparks	Conditions to Avoid: Strong oxidants
Hazardous Decomposition Products: carbon dioxide, carbon monoxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: ☒ INHALATION ☒ INGESTION ☐ SKIN ABSORPTION ☒ EYE ☐ NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: Deliberate breathing of large amounts of this vapor can be harmful.	
Eye contact: Mild irritation	
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. Get medical attention.
Skin Contact: Wash with soap and water.
Inhalation: Remove 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: 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 closed container. Large spill-dike area and pump to a intact container. Absorb residue on absorbant, sweep up and place in closed container.
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate container. Do not store at temperatures above 120° F.
Other Precautions &/or Special Hazards: Avoid food contamination. 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