

MATERIAL SAFETY DATA SHEET

385B

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-3; Flammability-0; Reactivity-0 ; Special-		HMIS Rating: Health-3; 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 (385-4x1) Corrosive Liquid, N.O.S. (Phosphoric acid), 8, UN1760,III (385-5)		
	Identity (trade name as used on label) DYNAFLUX Rust Remover & Phosphatizer		
Prepared By: GS	MSDS Number: 385B	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*
Phosphoric Acid	7664-38-2	yes	1mg/m3	1mg/m3	d
Butyl Cellosolve	111-76-2	yes	25ppm	20ppm	d
VOC: 6%					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100° C	Specific Gravity (H2O=1): 1.26
Vapor Pressure:(PSIG @ 70° F (Aerosols): NA	Vapor Pressure:(Non-Aerosols)(mm Hg and Temperature): 17.6mm Hg
Vapor Density:(Air=1): .62	Evaporation Rate (water=1): 1.0
Solubility in Water: Miscible	Water Reactive: No
Appearance and Odor: Green color liquid with a butyl 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	NA	%LEL: NA	%UEL: NA
FLASH POINT AND METHOD USED (non-aerosols): none to boiling T.C.C.			
EXTINGUISHER MEDIA: Non combustible. Use media compatible with environment.			
SPECIAL FIRE FIGHT PROCEDURES: Wear self-contained breathing apparatus. See below.			
Unusual Fire & Explosion Hazards: Solutions of product are corrosive.			

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): Glass, alkalis, metals	Conditions to Avoid: None
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
ACUTE EFFECTS: Severely irritating and corrosive to body tissue
Inhalation: Inhalation of mist or spray severely irritating to upper respiratory tract and mucous membranes. Prolonged contact may result in tissue damage or destruction.
Eye contact: Severely irritating. May result in tissue damage or destruction.
Skin contact: Severely irritating. Prolonged contact may result in tissue damage or destruction.
Ingestion: Severely irritating. Prolonged contact may result in tissue damage or destruction.
CHRONIC EFFECTS: Weight loss, anorexia, anemia
Medical conditions Generally Aggravated by Exposure: Can cause or aggravate attacks of asthma.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Irrigate for 15 minutes. Get medical attention. Prolonged contact can cause tissue damage or destruction without pain.
Skin Contact: Wash and rinse thoroughly. If irritation persists or tissue damage becomes evident - Seek medical attention.
Inhalation: Remove to fresh air. If irritation persists or if other respiratory symptoms appear- Seek medical attention.
Ingestion: Immediately give 2 to 3 glasses of water. Do not induce vomiting. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None normally required	
Protective Gloves: Rubber or PVC	Eye Protection: Goggles or face shield.
Ventilation Requirements: Normal ventilation is generally adequate.	
Other Protective Clothing & Equipment: Eye bath and safety shower.	
Hygienic Work Practices: Do not eat, smoke or drink in work area. Wash hands before using restroom.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Do not drain into sewers or surface waters. Carefully neutralize with lime. Collect residue and seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.
Waste Disposal Methods: Dispose of in authorized hazardous waste disposal facility in accordance with all applicable regulations.
Precautions To Be Taken In Handling & Storage: Store in original shipping container. Keep container sealed when not in use.
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