

MATERIAL SAFETY DATA SHEET

781B

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-1 ; Special-		HMIS Rating: Health-2; Flammability-0; Reactivity-1; Personal Protection-C	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Corrosive Liquid NOS, 8, UN1760,III Identity (trade name as used on label): <p align="center">DYNAFLUX ALUMINUM CLEANER</p>	
Prepared By: GS		MSDS Number: 781B Revision: 11/3/2008	
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
Ammonium bifluoride	1341-49-7	yes	NE	NE	d

Note: This organics are biodegradable.

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Specific Gravity (H2O=1): 1.139
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): 17mmHg, 20° C
Vapor Density: (Air=1): Unknown	Evaporation Rate (BUAC=1): 1
Solubility in Water: Complete	Water Reactive: None

Appearance and Odor: Clear yellow liquid, solvent 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: That compatible with the environment.

SPECIAL FIRE FIGHT PROCEDURES: None required

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): NA	Conditions to Avoid: None

Hazardous Decomposition Products: Hydrogen Fluoride, Carbon Dioxide, Carbon Monoxide.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION INGESTION SKIN ABSORPTION EYE NOT HAZARDOUS

ACUTE EFFECTS:

Inhalation: Can irritate nose and throat.

Eye contact: May cause burns. Corrosive.

Skin contact: Causes burns not immediately apparent.

Ingestion: Can cause severe mouth, throat and stomach burns. Get medical attention.

CHRONIC EFFECTS: Can cause delayed burn effects from exposure.

Medical conditions Generally Aggravated by Exposure: Asthma

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush immediately with water. CALL PHYSICIAN
Skin Contact: Wash immediately with soap and water. Call physician if irritation persists.
Inhalation: Remove to fresh air.
Ingestion: DO NOT INDUCE VOMITING. Give large amounts of water or milk. CALL PHYSICIAN.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None normally needed.	
Protective Gloves: Rubber gloves	Eye Protection: Goggles recommended
Ventilation Requirements: Room ventilation is usually adequate.	
Other Protective Clothing & Equipment: None required.	
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: Contain spill and avoid contact. Absorb in approved absorption medium. Dispose of properly. Neutralize remains with sodium bicarbonate. Flush with water.
Waste Disposal Methods: Dispose in accordance with federal, state and local regulations.
Precautions To Be Taken In Handling & Storage: Keep acid resistant containers away from caustic materials.
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