

MATERIAL SAFETY DATA SHEET

FDSA

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 ORMD 48580 Sub 3	
Prepared By: GS		Identity (trade name as used on label): CRACK CHECK FDS DEVELOPER (aerosol)	
Information Calls: (800)334-4420		MSDS Number: FDSA Revision: 7/1/2006	
Emergency Response Number: CHEMTEL 1(800)255-3924		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*
85% Triethanolamine	102-71-6	no	NA	5mg / m3	d
26% Be Aqua Ammonia	7064-41-7	no	35	25	d
99% Isopropyl Alcohol	67-63-0	yes	500	500	d
Acetone	67-64-1	yes	1000	750	d
Isobutane	75-25-5	no	1000	1000	d
Propane	74-98-6	no	1000	1000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 133° F	Specific Gravity (H2O=1): .81
Vapor Pressure: (PSIG @ 70° F (Aerosols): 26mmHg	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density: (Air=1): 1.89	Evaporation Rate (HOH=1): 9
Solubility in Water: Miscible	Water Reactive: No
Appearance and Odor: cloudy white thin liquid / acetone 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) Extremely Flammable	869° F	%LEL: 2.6	%UEL: 12.8
FLASH POINT AND METHOD USED (non-aerosols): NA		EXTINGUISHER MEDIA: Carbon dioxide, alcohol foam, dry chemical.	
SPECIAL FIRE FIGHT PROCEDURES: Use water fog to cool containers to prevent rupturing.			
Unusual Fire & Explosion Hazards: NA			

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): Oxidizing agents	Conditions to Avoid: None
Hazardous Decomposition Products: Carbon Dioxide, carbon monoxide and small amounts of oxides of nitrogen.	

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: Breathing small amounts is not likely to cause harmful effects.
Eye contact: can cause eye irritation.
Skin contact: May cause mild skin irritation.
Ingestion: Give several glasses of water. Do not give anything to an unconscious person. Get medical attention.
CHRONIC EFFECTS:
Medical conditions Generally Aggravated by Exposure: Existing dermatitis

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash exposed areas with soap and water.
Inhalation: Move victim to fresh air.
Ingestion: Give several glasses of water. Do not give anything to an unconscious person. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If exposure limits are to be exceeded NIOSH approved air supplied respirator is advised.
Protective Gloves: PVA gloves.
Eye Protection: Chemical splash goggles should be worn.
Ventilation Requirements: Provide sufficient general and/or local exhaust ventilation to maintain exposure levels below T.L.V.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash with soap and water before eating and/or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Large spill: Shut off all ignition sources. Keep unnecessary people away. Stop and contain spill. Stay upwind and isolate area. Pump to intact container. Absorb any recoverable product; place in closed container. Small spill: Shut of ignition sources. Keep unnecessary people away. Absorb liquid on absorbent. Sweep or shovel to a closed container.
Waste Disposal Methods: Dispose of in accordance with federal, state and local regulations.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate container. Do not expose to temperature above 120° F.
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