MATERIAL SAFETY DATA SHEET

FCSA

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-NA; Flammability-NA; Reactivity-NA;Personal Protection-NA
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): **CRACK CHECK FCS CLEANER** (aerosol)
Prepared By: GS	**MSDS Number: FCSA** Revision: 7/1/2006
Information Calls: (800)334-4420 **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*
99% ISOPROPYL ALCOHOL	67-63-0	yes	500	500	d
ISOBUTANE	75-25-5	no	1000	1000	d
PROPANE	74-98-6	no	1000	1000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA	**Specific Gravity (H2O=1):** .89
Vapor Pressure:(PSIG @ 70° F (Aerosols): 45 psig	**Vapor Pressure:**(Non-Aerosols)(mm Hg and Temperature): NA
Vapor Density:(Air=1): .83	**Evaporation Rate** (HOH=1): >1
Solubility in Water: miscible	**Water Reactive:** No

Appearance and Odor: Clear, colorless liquid, sharp alcohol odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) Flammable	**Auto Ignition Temperature** 750° F	**Flammability Limits in Air by % in Volume:** %LEL: 2	%UEL: 12.7

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 container to prevent rupturing of container.

Unusual Fire & Explosion Hazards: Exposed personnel must wear MSHA/NIOSH approved positive pressure self contained breathing apparatus.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: [X] STABLE [ ] UNSTABLE

HAZARDOUS POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR

Incompatibility (Mat. to Avoid): Strong oxidants

Conditions to Avoid: Open flames.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and oxides of nitrogen.

SECTION 5 - HEALTH HAZARD DATA

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

ACUTE EFFECTS:

Inhalation: Not likely to cause harmful effects.

Eye contact: Moderate eye irritant

Skin contact: None

Ingestion: Harmful if swallowed. Aspiration hazard.

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: Wash with soap and water.

Inhalation: Move victim to fresh air.

Ingestion: If victim is conscious, give several glasses of water and do not induce vomiting. Get medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If exposure limits are to be exceeded NIOSH approved respirator for organic vapors should be worn.

Protective Gloves: Recommended

Eye Protection: Avoid eye contact. Wear safety glasses. Provide washing stations.

Ventilation Requirements: Provide sufficient general and/or local exhaust ventilation to maintain exposure levels below T.L.V.

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: 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 120º 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