

**MATERIAL SAFETY DATA SHEET**

**DNFA**

This MSDS complies with OSHA'S Hazard Communication standard 29 CFR 1910.1200 and OSHA Form 174

**IDENTITY AND MANUFACTURER'S INFORMATION**

<b>NFPA Rating:</b> Health-3; Flammability-0; Reactivity-0 ; Special-		<b>HMIS Rating:</b> Health-3; Flammability-0; Reactivity-0; Personal Protection-B	
Manufacturer's Name: <b>DYNAFLUX, INC.</b> 241 Brown Farm Rd. Cartersville, GA 30120		<b>DOT Hazard Classification:</b> Consumer Commodity ORMD 48580 Sub 3 <b>Identity</b> (trade name as used on label): <b>CRACK CHECK DNF DEVLEOPER</b> (aerosol)	
Prepared By: GS		<b>MSDS Number:</b> DNFA	
Information Calls: (800)334-4420		Revision: 11/3/2008	
NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
<b>Emergency Response Number: CHEMTEL US: (800)-255-3924 / International: 813-248-0585</b>			

**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* IARC,NTP
Propane	74-98-6	no	1000	--	d
VOC: 15%					

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> NA	<b>Specific Gravity (H2O=1):</b> Concentrate 1.375
<b>Vapor Pressure:</b> (PSIG @ 70° F (Aerosols): psig max 60	<b>Vapor Pressure:</b> (Non-Aerosols)(mm Hg and Temperature): NA
<b>Vapor Density:</b> (Air=1): 4.7	<b>Evaporation Rate</b> (BUAC=1): NA
<b>Solubility in Water:</b> Insoluble.	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> White powdery spray with chlorinated solvent odor.	

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY as per USA FLAME</b>	<b>Auto Ignition Temperature</b>	<b>Flammability Limits in Air by % in Volume:</b>	
<b>PROJECTION TEST (aerosols)</b> Not Flammable	NE	<b>%LEL:</b> NE	<b>%UEL:</b> NE
<b>FLASH POINT AND METHOD USED :</b> NA			

**EXTINGUISHER MEDIA:** Aerosol is non-flammable - Foam, Dry Chemical, CO2  
**SPECIAL FIRE FIGHT PROCEDURES:** Wear self contained breathing apparatus.  
**Unusual Fire & Explosion Hazards:** Do not expose aerosols to temperatures above 120° F or the container may rupture.

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY:</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to Avoid): Strong oxidizing agents	<b>Conditions to Avoid:</b> Heat, sparks, open flame.
<b>Hazardous Decomposition Products:</b> Carbon dioxide, carbon monoxide, chlorine, hydrogen chloride & small amount of phosgene.	

**SECTION 5 - HEALTH HAZARD DATA**

**PRIMARY ROUTES OF ENTRY:**  INHALATION  INGESTION  SKIN ABSORPTION  EYE  NOT HAZARDOUS  
**ACUTE EFFECTS:**  
**Inhalation:** Headache, dizziness, nausea, reparatory irritation. If vapor concentration exceeds TLV could cause unconsciousness or be fatal.  
**Eye contact:** Severe irritation  
**Skin contact:** Mild irritation due to defatting of skin.  
**Ingestion:** Nausea, possible aspiration pneumonitis if vomited.  
**CHRONIC EFFECTS:**  
**Medical conditions Generally Aggravated by Exposure:** Dermatitis, cardiac sensitization.

**EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Flush with water for 15 minutes. Get medical attention.  
**Skin Contact:** Wash with soap and water. See physician if irritation develops.  
**Inhalation:** Primary route of exposure. Remove to fresh air. Resuscitate if necessary.  
**Ingestion:** Unlikely route of exposure. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection (specify type):** If vapor exceeds TLV, wear respirator approved by Bureau of Mines for organic vapor.  
**Protective Gloves:** Neoprene if needed.  
**Eye Protection:** Safety glasses  
**Ventilation Requirements:** Normal ventilation is usually adequate.  
**Other Protective Clothing & Equipment:** None  
**Hygienic Work Practices:** Wash hands before handling food.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken if Material Is Spilled Or Released:** Avoid breathing vapors. Remove ignition sources. Soak up with absorbent material. Incinerate or landfill according to local, state and federal regulations.  
**Waste Disposal Methods:** Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal problem.  
**Precautions To Be Taken In Handling & Storage:**  
 Avoid breathing vapors. Do not puncture or incinerate container. Do not store at temperatures above 120° F  
**Other Precautions &/or Special Hazards:** Avoid contamination of food. **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