

# MATERIAL SAFETY DATA SHEET

DNFB

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-2; Flammability-0; Reactivity-0; Special-	<b>HMIS Rating:</b> Health-2; 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 (4x1) <b>Identity</b> (trade name as used on label): <b>CRACK CHECK DNF DEVELOPER</b> <b>CRACK CHECK DNF DEVELOPER</b> (non-aerosol)
Prepared By: GS	<b>MSDS Number:</b> DNFB      Revision: 7/1/2006
Information Calls: (800)334-4420	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA
<b>Emergency Response Number: CHEMTEL 1(800)255-3924</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*
Dichloromethane	75-09-2	yes	25	25	IARC NTP

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 104° F	<b>Specific Gravity (H2O=1):</b> 1.375
<b>Vapor Pressure:</b> (PSIG @ 70° F (Aerosols): NA	<b>Vapor Pressure:</b> (Non-Aerosols)(mm Hg and Temperature): 350 mm Hg
<b>Vapor Density:</b> (Air=1): 2.9	<b>Evaporation Rate</b> (BUAC=1): .7
<b>Solubility in Water:</b> Insoluble	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Thin liquid, 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> NA	662° C	<b>%LEL:</b> 12	<b>%UEL:</b> 19
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> None to boiling T.C.C.			
<b>EXTINGUISHER MEDIA:</b> Foam, Dry chemical, Carbon dioxide			
<b>SPECIAL FIRE FIGHT PROCEDURES:</b> Wear self-contained breathing apparatus.			
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose to temperatures above 120° F or container may rupture. Use water fog to cool containers.			

## 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, welding arcs.	<b>Conditions to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> Carbon dioxide, carbon monoxide, hydrogen chloride, small amounts of phosgene.	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
<b>ACUTE EFFECTS:</b>
<b>Inhalation:</b> Headache, dizziness, nausea, respiratory irritation.
<b>Eye contact:</b> Severe irritation.
<b>Skin contact:</b> Mild irritation
<b>Ingestion:</b> Nausea, possible chemical phneumonitis, if vomited.
<b>CHRONIC EFFECTS:</b>
<b>Medical conditions Generally Aggravated by Exposure:</b> Rhythm disorders of the heart, chronic liver and kidney disease.

## EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Flush with water for 15 minutes. Get medical attention.
<b>Skin Contact:</b> Wash with soap and water.
<b>Inhalation:</b> Remove to fresh air. Get medical attention.
<b>Ingestion:</b> Do not induce vomiting. Call a physician.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> If vapor exceeds TLV, use a respirator approved by Bureau of Mines.
<b>Protective Gloves:</b> Neoprene
<b>Eye Protection:</b> Safety Glasses
<b>Ventilation Requirements:</b> Use positive ventilation in confined areas.
<b>Other Protective Clothing &amp; Equipment:</b> None
<b>Hygienic Work Practices:</b> Wash hands before handling food.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken if Material Is Spilled Or Released:</b> Avoid breathing vapors, soak up with absorbent material and place into a closed container.
<b>Waste Disposal Methods:</b> Dispose according to federal, state and local regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Avoid breathing vapors. Store in a cool dry place.
<b>Other Precautions &amp;/or Special Hazards:</b> Avoid food contamination. <b>KEEP OUT OF REACH OF CHILDREN.</b>

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