



Dynaflux SDS 372B 4/29/2014

## Safety Data Sheet

Product: 372 Synthetic Cutting Fluid (Liquid)

**Part 1: Identification of the Substance/Mixture and of the Company/Undertaking.**

Identification 372B

Product Use Description: Water dilatable cutting fluid.

Trade Name: 372 Synthetic Cutting Fluid

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Emergency Telephone Number: Chemtel: For U.S.: 800-255-3924 International: 813-248-0585

**Part 2: Hazards Identification**Signal Word: **WARNING****H302:** Harmful if swallowed**H312:** Harmful in contact with skin**H332:** Harmful if inhaled

Appearance: Light yellow to brown liquid with sweet odor.

**Exposure routes:**

Eyes, Skin Contact, Inhalation, Ingestion.

**Eye contact:** May irritate or burn the eyes.**Skin contact:** May cause skin irritation with prolonged contact.**Inhalation:** Not likely to occur.**Ingestion:** May irritate the gastrointestinal tract. May be irritating to mouth, throat, and stomach. May cause discomfort, nausea, vomiting and diarrhea.

Carcinogenicity: Product is not considered a carcinogen by OSHA, NTP or IARC.

Medical Conditions: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

**NFPA Rating (U.S.)** Health 1, Flammability 0, Reactivity 0**Part 3: Composition / Information on Ingredients**

<b>Hazardous Components</b>	<b>CAS No.</b>	<b>% by weight</b>
Sodium nitrite	7632-00-00	<5

**Toxicological Data on Ingredients:** Sodium nitrite LD50: Acute: 180 mg/kg [Rat]. 175 mg/kg [Mouse].**Part 4: First Aid Measures****Eyes**Check for and remove any contact lenses. Immediately flush eyes with water for at least 15 minutes. Get medical attention of irritation persists. **GHS: Subcategory 2A****Skin**After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation develops seek medical attention. **GHS Category 3****Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get prompt medical attention.

**Ingestion:**

Do not induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS anything by mouth. Seek medical attention. **GHS Category 5**

**Part 5: Fire Fighting Measures****Flammable Properties:**

**Flammability Classification:** Non-flammable.

**Auto-Ignition Temperature:** Not Applicable.

**Flash Points:** Not Applicable.

**Fire Fighting Instructions/Equipment:** Use flooding amounts of water or other agents.

**Special Remarks on Explosion Hazards:** No particular fire or explosion hazard.

**Protective Equipment and Precautions for Firefighters:**

Wear self-contained breathing apparatus (SCBA) and full protective equipment.

**Part 6: Accidental Release Measures****In case of Spill or Other Release:**

Dike spill. Absorb with absorbent material and placed in labeled container. Dispose of material according to local, state and federal authorities. Do not allow product or residues to enter waterways and /or any source of drinking water.

**Part 7: Handling and Storage****Handling Precautions**

Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.

**Storage**

Store in a cool, dry area. Keep containers tightly closed. Isolate from combustible materials. Empty containers may contain product residues; observe all warnings and precautions listed for the product.

**Part 8: Exposure Controls / Personal Protection****Engineering Controls:**

Eye wash station and safety shower. General ventilation or local exhaust.

**Protective Equipment**

**Eye:** Chemical Splash goggles.

**Skin:** Chemical resistant gloves such as nitrile.

**Respiratory:** Organic vapor air purifying respirator.

Never eat, drink or smoke in the work area.

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**Part 9: Physical and Chemical Properties**

Appearance	Brown liquid
Color	White to slightly yellow
Odor	Sweet
Odor Threshold	No information available
Physical State	Liquid
pH	~9.0 (for aqueous solution)
Flash Point	Not flammable
Biodegradable	Yes
Boiling Point /Range	Decomposes above 608°F
Melting pint/Range	520°F
Flammability Limits in Air	No information available
Explosive Properties	No information available
Evaporation Rate	Not determined
Vapor Pressure	17.1mm Hg @ 68°F
Vapor Density	.62
Specific Gravity	.89
VOC Content (%)	0

**Part 10: Stability and Reactivity****Stability**

Normally stable

**Conditions to avoid:** Open flame

**Materials to avoid:** Acids and reducing agents.

**Hazardous Decomposition:** Carbon Monoxide and Carbon Dioxide

**Hazardous Polymerization:** Cannot occur

**Incompatible Products:**

Hazardous reactions can occur with acids, ammonium compounds, reducing agents (particularly cyanides, thiocyanates and thiosulfates).

**Part 11. Toxicological Information****CHRONIC TOXICITY**

**Carcinogenicity** There is no known carcinogenic chemicals in this product.

**Mutagenic Effects** No information available.

<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Teratogenicity</b>	Multiple reproductive tests indicate that sodium nitrite is not teratogenicity.
<b>Target Organ Effects</b>	No information available.

## Part 12. Ecological Information

Does not bioaccumulate.

<b>Persistence and Degradability</b>	No information available.
<b>Mobility in Environmental Media</b>	No information available.

## Part 13. Disposal Considerations

**Disposal Method:** Dispose in accordance with federal, state and local regulations.

## Part 14. Transport Information

**DOT Classification:** Non Hazardous

## Part 15. Regulatory Information

**U.S. Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

### SARA 311/312 Hazardous Categorization

Chronic Health Hazard	No	SARA 313 listed
Acute Health Hazard	No	European Inventory listed
Fire Hazard	No	Canadian DSL listed
Sudden Release of Pressure Hazard	No	Australian AICH listed
Reactive Hazard	No	Japanese NCS listed

### CERCLA

<u>Component</u>	<u>CERCLA RQ (lb)</u>
Sodium nitrite	100 lb

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

## Part 16. Other Information

Dynaflux, Inc.  
241 Brown Farm Rd.  
Cartersville, GA 30120  
Prepared by: E. Schaffstall

### Disclaimer of Expressed and implied Warranties:

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.