



## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System  
Conforms to The United Nations Regulation Globally Harmonized System

Conforms to Regulation (EU) No 453/2010

Conforms to Regulation (EC) No 1272/2008 and aligns to the United Nations Globally Harmonized System  
Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274 of the Work Health and Safety Act

### Section 1 - Chemical Product and Company Identification

1.1 Product Name: **DEF Contamination Test**

1.2 B3C Fuel Solutions LLC, 108 Daytona Street, Conway, SC 29526, 843-347-0482

1.3 Recommended Use: DIESEL EXHAUST FLUID contamination test

1.4 **RESTRICTIONS on USE** None

1.5 Emergency Response Number: **INFOTRAC 800-535-5053**

International Emergency Telephone Number: **+1-353-323-3500**

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Classification of the substance or mixture: Not hazardous

Label elements, including precautionary statements: Not hazardous

Hazards not otherwise classified (HNOC) or not covered by GHS: None

2.3 Pictograms: None

### Section 3 - Composition / Information on Ingredients

#### 3.1

CAS#	EC#	Chemical Names	Percent	Other Identifiers
N/A	N/A	Product has been certified as non-toxic by the art and Creative Materials Institute, Inc. and conforms to ASTM D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100%	None

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### Section 4 - First Aid Measures

**4.1 Eye:** Contact with the eyes can cause serious irritation. Symptoms may include discomfort or pain and redness. Severe overexposure can result in swelling of the conjunctiva along with tissue damage.

**4.2 Skin:** It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

**4.3 Ingestion:** Do NOT induce vomiting. Get medical aid immediately. **Immediately call the National POISON CENTER at 800-222-1222.**

**4.4 Inhalation:** It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Section 5 - Fire-Fighting Measures

#### 5.1 General Fire Hazards

Slight fire hazard. Use water to cool containers exposed to fire

#### 5.2 Hazardous Combustion Products

Avoid fumes of burning product.

#### 5.3 Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog

**5.4 Fire Fighting Equipment/Instructions** Large fires evacuate area and fight fire from a safe distance or protected location. Approach fire from upwind to avoid exposure to this material and its toxic decomposition products. Wear full protective gear if exposure is possible.

### Section 6 - Accidental Release Measures

**6.1 Spill /Leak Procedures:** Collect spilled material in appropriate container for disposal.

### Section 7 - Handling and Storage

**7.1 Handling Precautions:** Use methods to minimize dust.

**7.2 Storage Requirements:** Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

**7.3 Chemical Incompatibilities:** Oxidizing agents.

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### Section 8 - Exposure Controls / Personal Protection

8.1	Chemical Names	ACGIH- TLV	OSHA - PEL
	Construction Paper	None Listed	None Listed

#### 8.2

**ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.**

**OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.**

**NOTE: TWA Means** "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

\*Listed on the OSHA Z1 Table

**8.3 Ventilation:** Provide a general or local exhaust ventilation system to maintain airborne concentrations below TLV/PELs Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**8.4 Contaminated Equipment:** Separate contaminated work clothes from street clothes and launder before reuse. Remove this material from your shoes and clean personal protective equipment.

#### 8.5 Personal protective equipment

Respiratory protection Not required under normal use.

If required use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection Not required under normal use.

If required use gloves tested to the **ANSI/ISEA 105-2011** or European EN374 Standard.

Full contact: Nitrile rubber

Splash contact: Nitrile rubber

Eye protection Not required under normal use.

If required use safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection Not required under normal use.

If required select according to the concentration and amount of the dangerous substance at the specific workplace.

#### 8.6 Protective Clothing Pictograms



Safety Glasses



Gloves



Protective Apron



Vapor Respirator

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### Section 9 - Physical and Chemical Properties

#### 9.1

**Physical State:** Solid (Wax)

**Appearance:** Various

**Odor:** Distinct order

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** Not Available

**Specific Gravity (H<sub>2</sub>O=1,):** Not Available

**Relative Density:** Not Available

**Odor Threshold:** Not Available

**Flammability (solid, gas):** Not Applicable

**Evaporation rate:** Not Available

**Partition coefficient octanol/water:** Not Available

**Water Solubility:** Not Applicable

**Flash Point:** Not Available

**Boiling Point:** Not Available

**Lower Explosive Limits (vol % in air):** Not Available

**Upper Explosive Limits (vol % in air):** Not Available

**Melting Point:** Not Available

**Viscosity:** Not Available

**Auto ignition Temperature:** Not Available

**pH:** None

### Section 10 - Stability and Reactivity

**10.1 Stability:** Stable under ordinary conditions of use and storage.

**10.2 Polymerization:** Hazardous polymerization has not been reported.

**10.3 Chemical Incompatibilities:** Strong oxidizing agents and Perchloric Acid

**10.4 Hazardous Decomposition Products:** May release oxides of carbon. Provide adult supervision in a well ventilated area for techniques involving melted crayons. Ironing should be done by an adult in a well ventilated area. Overheating wax crayons during melting or ironing may release irritating fumes.

**10.5 Conditions to Avoid:** None shown

### Section 11- Toxicological Information

#### 11.1

Product Name	Results	Species	Dose	Exposure
Construction Paper	Oral LD50	Rat	None Listed	None Listed

**11.2 Route of Entry:** No data shown

**11.3 Aspiration Hazard:** No data shown

**11.4 Inhalation Hazard:** No data shown

**11.5 Ingestion Hazard:** No data shown

**11.6 Skin Corrosion/ Irritation:** No data shown

**11.7 Serious Eye Damage/Irritation:** No data shown

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**11.8 Specific Target Organ Toxicity (Single Exposure):** May cause drowsiness and dizziness.

**11.9 Specific Target Organ Toxicity (Repeated Exposure):** Contains material which may cause damage to the following organs Blood, Kidneys, Liver and Central nervous system (i.e. brain, spinal cord).

**11.10 Signs and Symptoms:** Effects of overexposure can include cause headache, nausea, dizziness, vomiting, drowsiness, incoordination and confusion. Symptoms may be delayed.

**11.11 Carcinogenicity:**

Chemical Name	IARC	ACGIH	NTP	OSHA
Blend of Hydrocarbons and modified glycol ether	Not classified as a carcinogenicity to humans	Confirmed animal with unknown relevance to humans	Not listed	Not Listed

## Section 12 - Ecological Information

### 12.1

Product Name	Results	Species	Exposure
Blend of Hydrocarbons and modified glycol ether	Expected to be harmful to aquatic organisms. May cause long-term adverse effects in the environment		

**12.2 Toxicity:** These substances is regarded as harmful to aquatic organisms

**12.3 Mobility:** Floats on water, absorbs into soil and has low mobility.

**12.4 Persistence/degradability:** No data found.

**12.5 Bioaccumulation:** No date found.

## Section 13 - Disposal Considerations

**13.1 Disposal: DO NOT REUSE EMPTY CONTAINER!** Container should be completely emptied prior to discard. Container with residues should be considered to be hazardous wastes. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

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### Section 14 - Transport Information

#### 14.1

Regulatory Information	UN #	Proper Shipping Name	Hazard Class	PG	Label	Additional Information
DOT Classification		Not Regulated				
TDG Classification		Not Regulated				
RID/ARD Classification		Not Regulated				
IMDG Classification		Not Regulated				
ICAO/IATA Classification		Not Regulated				
Australian Classification		Not Regulated				

### Section 15 - Regulatory Information

#### 15.1 US Regulations:

**TSCA:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**CERCLA Hazardous Substances and corresponding RQs:** None Listed

**SARA Community Right-to-Know Program:** None Listed

**Clean Water Act:** None Listed

**Clean Air Act:** None Listed

**OSHA:** All ingredients are listed in 1910.1200

#### State Regulations

**California prop. 65:** None Listed

#### Chemicals on the following State Right to Know Lists:

**Massachusetts:** All components of this product are on the Massachusetts Inventory or are exempt from Inventory requirements.

**New Jersey:** All components of this product are on the New Jersey inventory or are exempt from Inventory requirements.

**Pennsylvania:** All components of this product are on the Pennsylvania Inventory or are exempt from Inventory requirements.

#### 15.3 Europe Regulations

All substances contained in this product are listed on the EU directives or are not required to be listed.

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### 15.4 International Regulations:

**Australian Inventory of Chemical Substance:** All components of this product are on the Inventory or are exempt from Inventory requirements.

**National Existing Chemical Inventory in Taiwan:** All components of this product) are on Inventory or are exempt from Inventory requirements.

**Philippine Inventory of Chemicals and Chemical Substances** All components of this product are on the Inventory or are exempt from Inventory requirements.

**China Existing Chemical Inventory:** All components of this product are on the Inventory or are exempt from Inventory requirements.

## Section 16 - Other Information

**16.1 Disclaimer:** The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

**16.2 References:** CHEMpendium data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller on Line, European Chemical Agency Data Base and MSDS and SDS of chemicals in this mixture.

**16.3 SDS Preparation Date** 08/26/2016

**SDS Previous Issue Date:** None

Prepared by SJC Compliance Education, Inc.

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