

MATERIAL SAFETY DATA SHEET  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB. No. 1218-0072

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IDENTITY (As used on Label and List)

DEE-ZOL PLUS Concentrate

**SECTION I - Manufacturer's Name:** Bell Performance, Inc.

**Emergency Telephone Number:** CHEMTREC  
USA 800-424-9300; INTL 703-527-3887 (Collect)

Address (Number, Street, City, State, and Zip)  
1340 Bennett Drive, Longwood, FL 32750

Telephone Number for Information: 407-831-5021

Date Prepared (Optional)

Signature of Preparer (Optional)

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**SECTION II - Hazardous Ingredients/Identity Information**

<u>Ingredients</u>	<u>CAS #</u>	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Solvents	8052-41-3			100ppm	
Additives				75ppm	

A Stoddard solvent base containing as proprietary properties a surfactant, a lubricity agent, cold flow polymer and non-metallic combustion modifiers.

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**SECTION III - Physical/Chemical Characteristics**

Boiling Point:	318-408°F	Specific Gravity (H <sub>2</sub> O = 1): 0.79 @ 84 deg F
Vapor Pressure:	2mmHg	Melting Point: N/A
Vapor Density (AIR = 1)	5.5	Evaporation rate: (Ether=1) 70 (n-BuAC=1) 0.1
Percent, Volatile by Volume:	100%	Viscosity (SUS @ 37.8°C) (100°F): 32.5 Secs.
Solubility in Water:	0.1	Pour Point Below -28°C (-50°F)
Ash Content	0.004%	Iron Content 0.001%
Appearance and Odor:	Amber color solution having a slight characteristic odor.	

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**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used):** 120°F (Pensky-Martens)  
**Flammable Limits:** LEL: 1.0 UEL: 6

**Flammability Classification (OSHA 29 CFR 1910.1200):** Class III Combustible Liquid

**Extinguishing Media:** Foam, Carbon dioxide, or dry chemical fire fighting apparatus. (Water may be unsuitable except as a cooling agent)

**Special Fire Fighting Procedures:** Self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode.

**Unusual Fire and Explosion Hazards:** Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot light, other flames, and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

OSHA 174, Sept. 1985

NFPA (NATIONAL FIRE PROTECTION ASSOCIATION STANDARD)

Health Hazard: 2

Flammability: 2

Reactivity: 0

## **SECTION V - Reactivity Data**

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**Stability:** Stable

**Incompatibility (materials to avoid):** This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.

**Hazardous Decomposition or Byproducts:** Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Heat, open flame and other ignition sources.

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## **SECTION VI - Health Hazard Data**

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**Threshold Limit Value:** 463 PPM

**Route(s) of entry:** Inhalation? Yes Skin? Yes Ingestion? Yes

**Carcinogenicity:** NTP? No OSHA Regulated? No  
IARC Monographs? None

**Signs and Symptoms of Short-Term (Acute) Exposure:**

*Inhalation:* Inhalation may cause respiratory irritation. May result in nausea, headache, weakness, and other symptoms of central nervous system depression.

*Skin:* May cause skin irritation, drying and cracking.

*Eyes:* May cause moderate to severe irritation, with pain, redness, burning and tearing.

*Ingestion:* May irritate mouth and digestive tract. May cause nausea, vomiting and diarrhea.

**Chronic Exposure Effects:** Prolonged exposure may contribute to respiratory tract irritation or central nervous system depression in high concentration. May cause skin irritation.

**Medical Conditions Generally Aggravated by Exposure:** Skin conditions such as eczema.

**Emergency and First Aid Procedures:**

*Eyes:* Flush with water for at least 15 minutes and seek immediate medical attention.

*Skin:* Wash with soap and large quantities of water. Seek medical attention if irritation from contact persists.

*Inhalation:* If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

*Ingestion:* DO NOT INDUCE VOMITING. Seek immediate medical attention.

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## **SECTION VII - Precautions for Safe Handling and Use**

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**Steps to be taken in case material is released or spilled:**

**Ecotoxicological information:** The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.  
Do not discharge product unmonitored into the environment.

**Chemical fate information:** There is no data available on the product itself.

**Handling for disposal:** Handle according to recommendations below.

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and/or local regulations. Contact your local, state, provincial and/or federal environmental agency for specific rules.

**United States RCRA:** If this product, as supplied, becomes a waste, it may meet the criteria of a hazardous waste as defined under the US RCRA, Title 40 CFR 261. Under the RCRA, it is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**Safe Handling Procedures:** Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbent.

**Precautions to be Taken in Handling and Storing:** Keep product container cool, dry and away from sources of ignition. Store in an area with adequate ventilation.

**Other Precautions:** Personnel should avoid inhalation of vapors. Should product splash on a person, remove saturated clothing and flush contaminated area. Launder clothing before reuse.

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## **SECTION VIII - Control Measures**

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**Respiratory Protection (Specify Type):** The use of respiratory protection depends on vapor concentration above the time-weighted TLV. Use a NIOSH approved cartridge respirator or gas mask.

**Ventilation and engineering controls:** Local Exhaust: Provide sufficient ventilation, mechanical and/or local exhaust to maintain exposure below TLV's

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**Skin Protection and Other Protective Equipment:** The use of Nitrile rubber gloves is advised to prevent skin irritation in sensitive individuals.

**Eye/Face Protection:** Use goggles or face shields to safeguard against potential eye contact.

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## **SECTION IX – US Federal Regulations**

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**TSCA Inventory Status:** Reported/Included

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Bell Performance (REV-07/09)