

# Material Safety Data Sheet

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## Section 1 General Information

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**Manufacturer:**

Zinsser Company, Inc.  
173 Belmont Drive  
Somerset, NJ 08875  
(732) 469-8100

**Emergency Telephone: Chemtrec (800) 424-9300**

Date: December 1, 2006

**Product Name: DIF Gel**

Codes: 02431 02435 02436 02451

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## Section 2 Hazardous Ingredients

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<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None.			

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## Section 3 Hazard Identification

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**Emergency Overview:** This material is a translucent blue gel with a mild odor. This material is not flammable and has a flashpoint above 200° F.**Primary Routes of Exposure:**

Skin Contact  
Eye Contact

**Potential Acute Health Effects:****Eye:** May cause eye irritation.**Skin:** Prolonged or repeated skin contact may cause irritation.**Ingestion:** Not hazardous under intended use conditions.**Inhalation:** Not hazardous under intended use conditions.**Potential Chronic Health Effects:** None known.

(See also Sections 4, 8, and 11 for related information)

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N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

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## Section 4 First Aid Measures

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**Eye contact:** Flush eyes with water for at least 15 minutes.

**Skin contact:** Wash with soap and water.

**Ingestion:** If the person is conscious and able to swallow have them drink water to dilute. Call a poison control center, physician, or emergency room.

**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapors or mists, remove to fresh air and seek medical attention if cough or other symptoms develop.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** >200° F

**Extinguishing Media:** Use foam, carbon dioxide, or water spray when fighting fires involving this material.

**Protection of Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Keep unnecessary people away. Floors may be slippery; care should be exercised to avoid falls. Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid to containers for recovery or disposal.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

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## Section 7 Handling and Storage

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**Handling:** Protect against physical damage.

**Storage:** Store at ambient temperature. Keep from freezing. Keep container closed to prevent drying out.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** If necessary, use general room dilution ventilation, process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### **Personal Protective Equipment (PPE):**

**Eye Protection:** Eye contact should be avoided. Where eye contact is likely, wear chemical splash goggles and/or full-face shield.

**Skin Protection:** None needed under normally anticipated use conditions. Individuals who have skin sensitivities should wear rubber gloves and other protective clothing to prevent skin contact.

**Respiratory Protection:** None needed under normally anticipated use conditions. If vapor levels exceed allowable exposure limits, wear a NIOSH approved air-purifying respirator with an organic vapor cartridge.

**General Hygiene Practices:** Avoid eye and skin contact. Avoid breathing vapors. Wash hands before eating and drinking.

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## **Section 9 Physical Data**

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<b>Appearance:</b>	Translucent blue gel.	<b>Odor:</b>	Mild odor
<b>Physical State:</b>	Gel	<b>pH:</b>	Ranges from 7 – 8
<b>Boiling Point:</b>	>212° F	<b>Melting/Freezing Point:</b>	32° F
<b>Vapor Pressure:</b>	N/D	<b>Vapor Density:</b>	Heavier than air.
<b>Odor Threshold:</b>	N/D	<b>Viscosity:</b>	35,000 cps
<b>Solubility in Water:</b>	100%	<b>Specific Gravity (water=1):</b>	> 1

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## **Section 10 Stability and Reactivity**

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<b>Stability:</b>	Stable, non-reactive.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Incompatibility:</b>	None known.

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## **Section 11 Toxicological Information**

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### **Acute Health Effects**

**Sensitization:** This material is not considered a sensitizer (as tested in accordance with the FHSA 16 CFR Part 1500.3).

**Eye Irritation:** This material is not considered a primary eye irritant (as tested in accordance with the FHSA 16 CFR 1500.3).

**Dermal Irritant:** This material is not considered a primary dermal irritant (as tested in accordance with the FHSA 16 CFR Part 1500.3).

**Toxic by Ingestion:** This material is not considered toxic when tested for acute oral toxicity (as tested in accordance with the FHSA 16 CFR 1500.3).

**Inhalation Irritant:** This material is not considered toxic when tested for acute inhalation toxicity (as tested in accordance with the FHSA 16 CFR 1500.3).

**Carcinogenicity:** This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

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## **Section 12 Ecological Information**

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**Chemical Fate and Effects:** No data available.

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## **Section 13 Disposal Considerations**

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**Recommended Waste Disposal Method:** This material is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Consult all applicable federal, state, and local regulations regarding the proper disposal of this material.

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## **Section 14 Transportation Information**

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Not regulated by the US DOT

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## **Section 15 Regulatory Information**

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### **CERCLA:**

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The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**SARA Title III, section 311/312:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product contains the following chemicals which require export notification under section 12(b) of the TSCA regulation:

<u>Chemical Name</u>	<u>CAS#</u>	<u>TSCA Section</u>
None		

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## **Section 16 Other Information**

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**Legend:** N/A: Not Applicable  
N/E: Not Established  
STEL: Short Term Exposure Limit  
cps: Centipoise  
mppcf: million particles per cubic foot of air.  
PPB: Parts Per Billion  
TLV: Threshold Limit Value  
ACGIH: American Conference of Governmental Industrial Hygienists  
CPSC: Consumer Product Safety Commission  
DOT: US Department of Transportation  
FHSA: Federal Hazardous Substance Act  
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)  
RCRA: Resource Conservation and Recovery Act  
SARA: Superfund Amendment and Reauthorization Act  
Skin: This substance has the potential to be absorbed systemically through the skin.  
TSCA: Toxic Substance Control Act

N/D: Not Determined  
N/R: Not Required  
C: OSHA Ceiling Value  
mg/m<sup>3</sup>: milligrams per cubic meter  
PPM: Parts Per Million  
PEL: Permissible Exposure Limit  
TWA: Time Weighted Average

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**Disclaimer:** Zinsser Co., Inc. believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.

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