**MATERIAL SAFETY DATA SHEET**

State Chemical Division – State Industrial Products  
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State Chemical Ltd. 1745 Meyerside Dr., Unit #1, Mississauga, Ontario L5T 1C6 (905) 670-4669

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
Product Name: DRI  
Product Number: DRI  
Product Description: A formulated penetrating compound.  
MSDS Number: 700114

2. COMPOSITION/INFORMATION ON INGREDIENTS  
**Hazardous Ingredients**  
CAS Number | Weight | ACGIH | OSHA  
--- | --- | --- | ---  
Medium Aliphatic Hydrocarbon Solvent | 67472-88-7 | < 20% | 100 ppm | 100 ppm  
Tetrachloroethylene | 127-18-4 | < 80% | 25 ppm | 25 ppm  
Carbon Dioxide | 124-38-9 | < 5.0% | 5000 ppm | 5000 ppm

3. HAZARDS IDENTIFICATION  

**III. EMERGENCY OVERVIEW***  
Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F (49°C). Eye, skin and respiratory irritant.  

**POTENTIAL HEALTH EFFECTS**  
Routes of Exposure: Exposure may be by inhalation and/or skin contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment. Eye Contact: May cause eye irritation. Redness and itching or burning sensation may indicate excessive exposure. Skin Contact: May cause skin irritation. Redness and itching or burning sensation may indicate excessive exposure. Inhalation: May cause irritation of the respiratory system. May cause nervous system depression. Headache, nausea, dizziness and loss of coordination are indications of excessive exposure to vapors or spray mists. Extreme overexposure may result in unconsciousness and possibly death. General: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

4. FIRST AID MEASURES  
Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult a physician. Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and launder before reuse. If irritation persists, consult a physician. Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician. Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES  
Flashpoint (Method): No flame extension. Non-Flammable. Lower Explosive Limit (LEL): 1.0 Upper Explosive Limit (UEL): 7.0. Autoignition Temperature: NA. Fire and Explosion Hazards: Closed containers may explode, due to the build-up of pressure, when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Extinguishing Media: Carbon dioxide, dry chemical, foam. Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used. Water spray maybe ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES  
Remove all sources of ignition. Ventilate and remove with inert absorbent. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with all Federal, State and Local Regulations regarding pollution and waste disposal.

7. HANDLING AND STORAGE  
Keep away from heat, flames, sparks or other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F (49°C). Heat from sunlight, radiators, stoves, hot water and other heat sources could cause container to burst. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Keep out of reach of children. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION  
Engineeering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits. Personal Protective Equipment: Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator. Eye: Wear approved safety glasses with unperforated sidefields. Skin: Wear chemically impervious gloves. Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES  
Product Weight: 10.78 lb/gal, 1291 g/l. Specific Gravity: 1.30 Boiling Point: < 0 - 360°F; < 18 - 182°F. Volatile Volume: 92%  
Melting Point: NA  
Vapor Density: Heavier than air.  
Evaporation Rate: Faster than Ether.  
Solubility in Water: NA  
Vapor Pressure@70°F: NA  
VOC Content: < 50%

10. STABILITY AND REACTIVITY  
Hazardous Decomposition Products: By Fire: Carbon Dioxide, Carbon Monoxide; Hydrogen Chloride.

11. TOXICOLOGICAL INFORMATION  
Tetrachloroethylene is listed by NTP and IARC as an animal carcinogen and by OSHA as a potential human carcinogen.

12. ECOLOGICAL INFORMATION  

13. DISPOSAL CONSIDERATIONS  
Do not incinerate. Depressurize container. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not dispose of in accordance with Federal, State and Local Regulations regarding pollution and waste disposal.

14. TRANSPORT INFORMATION  

15. REGULATORY INFORMATION  
TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.  
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.  
Proposition 65: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION  
NA = Not Available or Not Applicable. NE = Not Established.  
Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN.

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.  
HEALTH AND SAFETY INFORMATION: (216) 861-7114

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