

**MATERIAL SAFETY DATA SHEET**

4-1249 SUREDOT WATER METERING ROLLER CLEANER

Revision Date:1/1/06

**Section I - Product Identification**

Manufacturer's Name	Emergency Phone Number (24 Hours)
Presstek	CHEMTREC @ (800) 424-9300
Street Address	MSDS Request Phone Number:
55 Executive Drive	1-603-595-7000
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City, State, Zip Code	For MSDS via Fax: 1-800-005-0088
Hudson, NH 03051	-----
	Date Prepared: May 10, 1996
Product Use: OFFSET PRINTING.	Prepared By: Kenneth W. Pinter
Chemical Name, Trade Name, Synonyms: NONE.	

**HMIS RATING**

2 - Health      2 - Flammability      0 - Reactivity      B - Personal Protection

**Section II - Hazardous Ingredients**

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA	PEL	ACGIH TLV
ALIPHATIC HYDROCARBON	64742-88-7	35-40	400 PPM.	400 PPM.	
4-ISOPROPENYL 1-METHYL-CYCLOHEXANE	5989-27-5	5-10	NOT ESTABLISHED.	NOT ESTABLISHED.	
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	50-55	25PPM(SKIN).	25PPM(SKIN).	

**Section III - Physical Data**

Boiling POINT(F): 212-335	pH: N.A.
Vapor Pressure(mm Hg): 8 mm @ 38 (C)	Freezing Point(F): N.A.
Vapor Density (AIR = 1): 4.10-4.73	VOC: 7.1 lbs/Gal % VOC: 100%
Specific Gravity (H <sub>2</sub> O=1): 0.851	Color And Odor: CLEAR/SWEET NAPHTHA
Odor Threshold: N.D.	Physical State: LIQUID
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: INSOLUBLE.	

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

FLASH POINT (METHOD USED): 107 (F) T.C.C.	Flammable Limits:   LEL: 1.1 %   UEL: 10.6 %
Auto-ignition Temperature: N.D.	
Extinguishing Media: FOAM/CO <sub>2</sub> /WATER SPRAY/DRY CHEMICAL.	
Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS.	

Unusual Fire And Explosion Hazards: COMBUSTIBLE LIQUID. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

**Section V - Reactivity Data**

Stability	Unstable :   Conditions to Avoid: DO NOT USE NEAR OPEN FLAME
	Stable : X   OR OTHER IGNITION SOURCE. DO NOT SMOKE WHILE
	USING.

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Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL, ACIDS, LIME, ALKALIS, AMMONIA, ORGANIC AMINES, CHLORATES, CHLORINE, SODIUM HYDROXIDE.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE

Hazardous	May Occur:	Conditions to Avoid:
Polymerization	Will Not Occur: X	SEE ABOVE.

## Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, INHALATION, INGESTION.

Oral Ingestion: LIQUID IS HARMFUL AND/OR FATAL IF SWALLOWED. MAY CAUSE HEADACHE, DIZZINESS, NAUSEA, VOMITING, GASTROINTESTINAL DISTRESS, LIVER AND KIDNEY INJURY.

Eye Contact: MAY CAUSE IRRITATION, BURNING AND TRANSIENT CORNEA INJURY.

Skin Contact: WILL DEFATE TISSUE. MAY CAUSE IRRITATION UPON PROLONGED OR REPEATED CONTACT. THIS MATERIAL CAN BE READILY ABSORBED THROUGH SKIN IN TOXIC AMOUNTS.

Inhalation: VAPORS ARE INTOXICATING AND NARCOTIC. MAY IRRITATE MUCOUS MEMBRANES OF LUNGS. CAN CAUSE LIVER AND KIDNEY DAMAGE, AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING HEADACHE, NARCOSIS, WEAKNESS, SLURRED SPEECH AND BLURRED VISION.

Effects of Overexposure: MAY CAUSE NOSE AND EYE IRRITATION, AND DIZZINESS, DROWSINESS, AND HEADACHE. MAY CAUSE LIVER AND KIDNEY DAMAGE.

Medical Conditions Generally| INDIVIDUALS WITH PRE-EXISTING LIVER AND KIDNEY  
Aggravated by Exposure | DISORDERS SHOULD AVOID CONTACT WITH THIS  
MATERIAL.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

## FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY

Eye: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. CONSULT A PHYSICIAN.

Skin: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

Inhalation: REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN.

## Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
ALIPHATIC HYDROCARBON	N.D.	N.D.	N.D.
4-ISOPROPENYL 1-METHYL- CYCLOHEXANE	N.D.	5 G/KG	5 G/KG
ETHYLENE GLYCOL MONOBUTYL ETHER	500PPM(4 HR)	2.4 G/KG	400 MG/KG

## Section VIII - Spill or Leak Procedure

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

MATERIAL IS VOLATILE AND CARE SHOULD BE EXERCISED TO PREVENT FIRE. SPILLED MATERIAL MAY BE PUMPED INTO ANOTHER CONTAINER OR ABSORBED AND REMOVED FROM

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AREA. KEEP SPARKS OR IGNITION SOURCE OUT OF AREA. AVOID INHALATION OF VAPOR.

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Disposal Method: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR  
COMBUSTIBLE MATERIAL.

## **Section IX - Special Protection Information**

Ventilation| Local Exhaust: USE IN WELL VENTILATED AREA. Special: NONE  
|Mechanical(General): FLOOR LEVEL EXHAUST. Other: NONE

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Respiratory Protection: NOT NORMALLY REQUIRED WHEN USED AS DIRECTED.

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Protective Clothing: GLOVES SHOULD BE AVAILABLE TO AVOID PROLONGED CONTACT.

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Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS OR SAFETY GOGGLES WHEN  
CLEANING PRESSES.

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Other Protective Equipment: GLOVES, APRONS, BOOTS, IMPERVIOUS CLOTHING AS  
NEEDED TO AVOID EXCESSIVE SKIN CONTACT.

## **Section X - Special Precautions**

Precautions to be taken in Handling and Storing: KEEP CONTAINERS CLOSED WHEN  
NOT IN USE. KEEP CONTAINERS AWAY FROM EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
DO NOT STORE OR USE NEAR IGNITION SOURCE. KEEP IN A COOL PLACE.

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Other Precautions: GROUND CONTAINERS WHEN TRANSFERRING LIQUID.  
USE NON-SPARKING TOOLS.

## **Section XI - Transportation Information**

Hazard Class: Not Regulated

DOT Proper Shipping Name: N/A

## **Section XII - Regulatory Information**

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE  
QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT  
CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):  
THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF  
STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT  
CONTAINS A GLYCOL ETHER WHICH MAY REQUIRE REPORTING UNDER SECTION 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT  
ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

## **Section XIII - Addition Information**

NEW JERSEY RIGHT-TO-KNOW INFORMATION: ALIPHATIC HYDROCARBON (6472-88-7),  
4-ISOPROPENYL 1- METHYLCYCLOHEXANE (5989-27-5), ETHYLENE GLYCOL MONOBUTYL  
ETHER (111-76-2), SODIUM DIOCTYL SULFOSUCCINATE (577-11-7), ETHANOL (64-17-5).

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N.D. = No Data      N.A. = Not Applicable

The information herein given in good faith but no warranty, express or  
implied, is made.