

MATERIAL SAFETY DATA SHEET

4-1200 SAFETY ZONE OFFSET ROLLER CLEANER & BLANKET WASH

Revision Date:5/1/13

Section I - Product Identification

Manufacturer's Name | Emergency Phone Number (24 Hours)
 Mark Andy, Inc | CHEMTREC @ (800) 424-9300
 ----- | MSDS access online at:
 Street Address | https://shop.markandy.com/msds
 18081 Chesterfield Airport Road |
 ----- | Customer Service: (US) 800-225-4835
 City, State, Zip Code | (CAN) 800-387-3143
 Chesterfield, MO 63005 |
 General Phone: 636-532-4433 | Date Prepared: February 2, 1995
 ----- |
 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	OTHER
ALIPHATIC HYDROCARBON	64742-88-7	80	100 PPM.	100 PPM.	
4-ISOPROPENYL 1-METHYL-CYCLOHEXANE	5989-27-5	20	NOT ESTABLISHED.	NOT ESTABLISHED.	

Section III - Physical Data

Boiling POINT(F): 305-335 | pH: N.A.
 Vapor Pressure(mm Hg): 8 mm @ 38 (C) | Freezing Point(F): N.A.
 Vapor Density (AIR = 1): 4.69-4.73 | VOC: 6.5 LBS/GAL
 Specific Gravity (H2O=1): 0.774 | 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): | Flammable Limits:
 102 (F) T.C.C. | LEL: 1.1 | UEL: 6.1
 Auto-ignition Temperature: N.D.
 Extinguishing Media: FOAM / CO2 AND ANY MEDIA FOR CLASS B FIRES.
 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

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| USING.

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Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE

Hazardous | May Occur: X | Conditions to Avoid:
Polymerization | Will Not Occur: | POLYMERIZATION CATALYSTS SUCH AS
ALUMINUM CHLORIDE.

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.

Eye Contact: MAY CAUSE IRRITATION AND BURNING.

Skin Contact: WILL DEFAT TISSUE. MAY CAUSE IRRITATION UPON PROLONGED OR
REPEATED CONTACT.

Inhalation: VAPORS ARE INTOXICATING AND NARCOTIC. MAY IRRITATE MUCOUS
MEMBRANES OF LUNGS.

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

Medical Conditions Generally| N.D.
Aggravated by Exposure |
|

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.

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.	N.D.	N.D.

Section VIII - Spill or Leak Procedure

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

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MATERIAL IS VOLATILE AND CARE SHOULD BE EXERCISED TO PREVENT FIRE. SPILLED MATERIAL MAY BE PUMPED INTO ANOTHER CONTAINER OR ABSORBED AND REMOVED FROM AREA. KEEP SPARKS OR IGNITION SOURCE OUT OF AREA. AVOID INHALATION OF VAPOR.

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: VAPORS ARE (Mechanical(General): FLOOR LEVEL EXHAUST. Other: HEAVIER THAN AIR

Respiratory Protection: NOT NORMALLY REQUIRED WHEN USED AS DIRECTED.

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

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

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.

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

Section XI - Transportation Information

Hazard Class: N.A.

DOT Proper Shipping Name: NOT REGULATED.

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 DOES NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

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

NONE

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

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