

MATERIAL SAFETY DATA SHEET

INX Products MRC33 Low V.O.C. Metering Roller Cleaner

Date: January 1, 2010
MSDS Number: MRC33V1
Version: 1.0

INX Products MRC33 is sold to distributors (and ultimately end-users), in containers of small volumes. This MSDS has been developed to address safety topics for those individuals handling and using these carefully manufactured and distributed products. All pertinent health, safety and environmental information is presented in this document per the requirements of the U.S. Federal OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian WHMIS.

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **INX MRC33 Low V.O.C. Metering Roller Cleaner**
Product Type: Cleaning Liquid

INX Products LLC
4030 Kidron Road, Suite 10
Lakeland, FL 33811
(863) 646-9830
Emergency Telephone 1-888-646-9830

SECTION II - HAZARDOUS INGREDIENT COMPOSITION/INFORMATION

CHEMICAL NAME	CAS Number	%W	Limits	Agency	Type
Light Aliphatic Hydrocarbon	64742-89-8	50-70	400ppm	OSHA/ACGIH	PEL/TVL
Acetone	67-64-1	15-30	500ppm	OSHA/ACGIH	PEL/TVL
n Propanol	71-23-8	5-15	400ppm	OSHA/ACGIH	PEL/TVL

Warning! Flammable liquid and vapor. Causes eye irritation and may cause skin and respiratory tract irritation. Prolonged or repeated contact may cause dry skin and cause dermatitis and burns. See section VII and VIII for complete health and hazard information.

HMIS Rating: Health: 2 Fire: 3 Reactivity: 0

0- Minimal 1-Slight 2 - Moderate 3- Serious 4- Extreme

NFPA Rating: Health: 2 Fire: 3 Reactivity: 0

SECTION III - PHYSICAL and CHEMICAL PROPERTIES

Boiling Point: 145-345 °F
Vapor Pressure: 35 at 68°F (mmHG calculated)
Solubility In Water: No
Appearance/Odor: Clear colorless alcohol odor

Specific Gravity (H2O=1): .0.80

Vapor Density (Air=1): >1
VOC %:
VOC Content: 4.0 lbs/gallon (less exempt cpds)
Evaporation Rate (Water=1): <1
pH: na
Weight Per Gallon: 8.43

SECTION IV - FIRE FIGHTING MEASURES

Flash Point: <10° F (T.C.C. Method)

Extinguishing Media: Water fog, dry chemical, CO2 or foam recommended. Do not use direct water stream.

Flammable Limits:

Fire Fighting Procedures: Flammable liquid and vapors. Keep away from heat, flames, sparks and all ignition sources. Use water fog, alcohol foam, dry chemical, or CO2 to extinguish flames. Do not use direct water stream. Use water spray to protect fire-exposed containers and to protect personnel.

Self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing recommended.

Fire and Explosion Hazards: Vapors are heavier than air. Concentrated vapors can be ignited and flash back.

SECTION V - STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Extreme temperatures, sparks, open flames and other ignition sources. Do not allow evaporation to dryness.

Incompatibility: Avoid contact with strong oxidizing agents, acids, alkalis, aluminum, strong reducing agents.

Hazardous Decomposition Products: Oxides of Carbon and a complex mixture of airborne solids, gases and liquids.

Hazardous Polymerization: Will not occur.

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SECTION VI - STORAGE AND HANDLING

Precautions: Do not use in confined spaces. Always store material in original, tightly sealed container. Metal Containers should be correctly grounded prior to movement, transfer and use of material in order to prevent static sparks. Store in a cool, dry well ventilated area, away from acute fire hazards. Use non-sparking tools and equipment when working with or around material. Material containers may be hazardous when emptied and discarded. Dispose of containers according to state and local regulations.

Other Precautions: Follow Product Label Instructions and Precautions.

SECTION VII - HEALTH AND FIRST AID

Exposure Routes: Inhalation, skin absorption, skin contact, Eye contact, Ingestion.

Skin: Can cause skin irritation. Repeated or prolonged contact can be irritating and cause defatting and drying.

Eyes: Liquid and vapor in eyes can be irritating and could produce stinging, redness, watering and swelling. Can injure eye tissue.

Inhalation: High vapor concentrations can be irritating and harmful to the respiratory tract. Breathing of vapor may cause central nervous system depression, resulting in dizziness, light-headedness, headache and loss of coordination.

Ingestion: May be harmful if swallowed. Liquid can directly enter the lungs (aspiration) when swallowed or vomited. Serious lung damage may result and possible fatal chemical pneumonia can develop if this occurs.

Not listed as NTP, IARC or OSHA carcinogen substance.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes with eyelids forced open. If irritation persists, get medical attention.

Skin: Remove contaminated clothing. Wash exposed skin with soap and water. If irritation develops and persists seek medical attention.

Inhalation: Breathing of vapor and mist is possible. Breathing small amounts of material during normal handling is not likely to cause harmful effects. Symptoms are not expected at air concentrations below recommended exposure limits, if applicable. For excessive inhalation remove to fresh air. If breathing is difficult or tightness of chest, is dizzy or lethargic, give 100% oxygen with rescue breathing and seek medical attention.

Ingestion: DO NOT induce vomiting unless instructed by a physician. Place individual on left side with head down. Seek medical attention immediately. Do not leave individual unattended.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

These recommendations provide general guidance for handling this material. It is ultimately the responsibility of the employer and user to follow regulatory guidelines as established by local authorities.

Eye Protection: Eye Protection when pouring and working with solution. Goggles or full-face shield recommended.

Respiratory Protection: In confined areas, or where airborne concentrations are expected to exceed exposure guideline limits, use an approved, self-contained breathing apparatus. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134.

Ventilation: General Mechanical ventilation to prevent TLV from exceeding control limits. Maintain exposure limits below 100 ppm.

Protective Clothing: Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other chemical protective items. Solvent resistant (Neoprene, Butyl, Nitrile) gloves and equipment should be worn.

Other Equipment: Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and shower in close proximity to use are advised.

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SECTION IX - ACCIDENTAL RELEASE MEASURES

Personal Protection: See section VIII.

Small Spill: Stop source of spill. Remove all ignition sources. Absorb on inert media and collect into suitable container.

Large Spill: Plug leak at the source. Dike area to contain spill. Absorb on inert media and collect into suitable container. Avoid contaminating ground and surface water.

Waste Disposal Method: DO NOT flush material to drains, surface water or sewer system. Follow local, state and federal regulations for disposal. Do not discard liquid material soaked rags in closed containers.

SECTION X – REGULATORY INFORMATION

California Prop. 65: Warning: This product contains chemicals known to the State of California to cause cancer and reproductive harm.

BENZENE

Chemical Control Law Status: All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) chemical substance inventory.

Canadian DSL/NDSL Inventory Status: All components of this product are listed or are excluded from listing on the DSL/NDSL inventory. This product is classified according to the hazard criteria of the Controlled Products Regulations (CPR) as listed in Canadian (WHMIS) regulations.

U.S. SARA Reporting Requirements: Ingredient components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of SARA as follows:

<u>Chemical</u>	<u>SARA 302/304</u>	<u>SARA 311/312</u>	<u>SARA 313</u>
Cumene	no	no	yes
Xylene	no	no	yes
Trimethylbenzene 1,2,4	no	no	yes

SECTION XI - TRANSPORTATION INFORMATION

DOT Shipping: Hazardous Material

DOT Shipping Name: Flammable Liquids, n.o.s.

Hazardous Contents: (Petroleum Distillate)

DOT Hazard Class: 3, Flammable Liquid

DOT ID Number: UN1993

Packaging Type: PG II

Non-bulk packaging not regulated as per 49 CFR 173.150 (f)(2).

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of issue. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.