

# **MATERIAL SAFETY DATA SHEET**

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## **INX Products CRRP Calcium Rinse & Roller Prep**

Date: January 1, 2010  
MSDS Number: CRRP100V1  
Version: 1.0

INX Products Calcium Rinse & Roller Prep 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 Products CRRP100**  
Calcium Rinse & Roller Prep  
Product Type: Non-Hazardous 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**

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<b>CHEMICAL NAME</b>	<b>CAS Number</b>	<b>%W</b>	<b>Limits</b>	<b>Agency</b>	<b>Type</b>
Acetic Acid	64-19-7	3-5%	10ppm	OSHA/ACGIH	PEL/TLV

**HMIS Rating: Health: 1 Fire: 0 Reactivity: 0**  
0- Minimal 1-Slight 2 - Moderate 3- Serious 4- Extreme

**NFPA Rating: Health: 1 Fire: 0 Reactivity: 0**

### **SECTION III - PHYSICAL and CHEMICAL PROPERTIES**

<b>Boiling Point:</b> >300°F	<b>Vapor Density (Air=1):</b> > 1
<b>Vapor Pressure:</b> < 3.1 ((mmHG @68°F)	<b>VOC %:</b> na (EPA method 24)
<b>Solubility In Water:</b> Yes	<b>VOC Content:</b> 3.1 lbs/gallon
<b>Appearance/Odor:</b> dark pink color with slight citrus odor	<b>Evaporation Rate (Water=1):</b> >1
<b>Specific Gravity (H2O=1):</b> 1.009	<b>Weight Per Gallon:</b>
	<b>pH:</b> 2.2

### **SECTION IV - FIRE FIGHTING MEASURES**

**Flash Point:** >225°F  
**Extinguishing Media:** Water fog, dry chemical, CO2 or foam recommended.  
**Flammable Limits:** NA  
**Fire Fighting Procedures:** Will not burn. 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.

### **SECTION V - STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Excessive temperatures, sparks, open flames and other ignition sources. Do not allow to evaporate 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. 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

#### **Minimal Hazard**

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

**Skin:** Can cause skin irritation.

**Eyes:** Liquid and vapor in eyes can be irritating and could produce stinging, redness, watering and swelling.

**Inhalation:** High vapor concentrations can be irritating and harmful to the respiratory tract.

**Ingestion:** May be harmful if swallowed. Liquid can directly enter the lungs (aspiration) when swallowed or vomited.

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:** Eye wash station and shower in close proximity to use are advised.

### 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.

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**Waste Disposal Method:** DO NOT flush material to drains, surface water or sewer system. Follow local, state and federal regulations for disposal. Follow all applicable regulations. .

### **SECTION X – REGULATORY INFORMATION**

Not hazardous by OSHA Hazard Communication Standard 29CFR 1910/1200.

SARA Title III: No material components listed.

TSCA Inventory: All material components are listed.

State Lists: No material components currently listed.

This product contains no chemicals currently on the California List of Known Carcinogens and Reproductive Toxins.

### **SECTION XI · TRANSPORTATION INFORMATION**

**DOT Shipping:** Non-Hazardous Liquid

**DOT Shipping Name:** Aqueous Cleaning Liquid

**Hazardous Contents:** na

**DOT Hazard Class:** na

**DOT ID Number:** na

**Packaging Type:** na

**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.