

# MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards

## HMIS HAZARD RATINGS



HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	0	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

## TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not Regulated	REF:	Not Applicable
HAZARD CLASS / PKG GRP:	Not regulated	LABEL:	None Required
IDENTIFICATION NUMBER:	None		

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)		Page 1 of 2
<b>Red Stuff</b>	<b>PK-200700</b>	
MANUFACTURER'S NAME Power Klean Corporation	EMERGENCY TELEPHONE NUMBER CHEM • TEL (800) 255-3924 Outside USA (813) 248-0585	
ADDRESS (NUMBER, STREET, P.O. BOX) 101 Bayview Blvd (CITY, STATE AND ZIP CODE) Oldsmar, FL 34677	TELEPHONE NUMBER FOR INFORMATION (813) 854-2648	
	DATE PREPARED:	May 21, 2005
	SUPERSEDES:	New

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (OPTIONAL)	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Sodium hydroxide ( a,b)	1310-73-2	1 - 5		2 C		2 C		1000
Sodium phosphate, tribasic (STPP) ( b)	7758-29-4	1 - 5		not established				5000
Sodium silicate solution	1344-09-8	1 - 5		not established				

(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture > 24,000 lbs) or greater amounts, according to 40 CFR 302.

(b) A "C" in the OSHA PEL or ACGIH TWA column indicates ceiling limits, the concentration that should not be exceeded during any part of the working exposure.

## SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Breathing concentrated vapors may cause irritation of respiratory tract.	Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.
SKIN: Prolonged contact may cause irritation.	Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.
EYES: Contact with eyes is painful and irritating and may cause severe irritation	Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.
INGESTION: May cause gastric distress, vomiting and diarrhea.	Drink large quantities of water or milk; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention immediately.
CARCINOGENICITY	NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

MATERIAL SAFETY DATA SHEET			
IDENTITY (AS USED ON LABEL AND LIST) Red Stuff		PK-200700	Page 2 of 2 Date: May 21, 2005
SECTION 4 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) Non-flammable	NFPA RATING None	FLAMMABLE LIMITS LEL: Not applicable	UEL: Not applicable
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam.			
SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is alkali and will irritate the eyes if product is allowed to directly contact the eyes.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			
SECTION 5 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is alkaline and will irritate the eyes if product is allowed to directly contact eyes. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. This is a regulated product, refer to CERCLA 40 CFR 302 for detailed instructions concerning reporting requirements.			
SECTION 6 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.			
SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
RESPIRATORY PROTECTION: None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.			
VENTILATION	LOCAL EXHAUST: Required MECHANICAL (GENERAL): Yes	SPECIAL: To maintain minimum TWA and STEL levels. OTHER: Engineering and work controls as required.	
PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.		EYE PROTECTION: Chemical safety goggles.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to minimize skin contact, safety eyewash station nearby.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			
SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES			
BOILING POINT 212° F	SPECIFIC GRAVITY (WATER = 1) 1.120		
VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C	pH 13.8		
VAPOR DENSITY (AIR = 1) > 1	EVAPORATION RATE (WATER = 1) < 1		
SOLUBILITY IN WATER Complete	% VOLATILE (BY WEIGHT) 89%		
APPEARANCE AND ODOR red liquid, characteristic odor			
SECTION 9 - STABILITY AND REACTIVITY			
STABILITY	UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures.	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.			
HAZARDOUS POLYMERIZATION	MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None	
SECTION 10 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 299" for complete waste disposal regulations for alkaline materials. Consult your local, state, or Federal Environmental Protection Agency before disposing any chemicals.			
The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product described in Section 1.			