

# MATERIAL SAFETY DATA SHEET

## TRUCLEAN #18-PDF CONFIDENTIAL DISCLOSURE

Effective Date: April 27, 2009	Date Printed: April 27, 2009	MSDS		
<b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>				
PRODUCT NAME:	TRUCLEAN #18-PDF			
CHEMICAL NAME:	Not Available			
PRODUCT USE:	Heavy duty alkaline powder for removal of rust, paint and dirt			
<b>EMERGENCY(24HRS): 1-800-424-9300</b>				
<b>2. COMPOSITION &amp; INFORMATION ON INGREDIENTS</b>				
<b>COMPONENT</b>	<b>CAS #</b>	<b>EXPOSURE LIMITS</b>	<b>% By Wt.</b>	
Sodium Hydroxide	1310-73-2	TLV: 2mg/cu.M LD50 500 mg./kg oral rat	30-60	
Sodium carbonate	497-19-8	LD50 4000mg/kg oral rat	10-30	
Sodium metasilicate	6834-92-0	LD50 1280mg/kg oral rat	5-13	
CORROSIVE				
<b>3. HAZARDOUS IDENTIFICATION</b>				
<b>EMERGENCY OVERVIEW</b>				
(See Section 9) Avoid repeated or prolonged skin contact and inhalation				
NFPA/HMIS RATING:	HEALTH: 2	FLAMMABILITY: 0	REACTIVITY: 0	PPE: F
<b>POTENTIAL HEALTH EFFECTS</b>				
EYE:	Burning			
SKIN:	Burning, corrosive and dermatitis			
INGESTION:	Burning of mouth, esophagus and stomach, nausea, swelling.			
INHALATION:	Burning of nasal passages.			
CHRONIC EFFECTS:	Not listed as a human carcinogen by OSHA, IARC or NTP			
SIGN AND SYMPTOMS:	Eye or skin irritation			

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<b>4. FIRST AID MEASURES</b>	
EYES:	Flush with large amounts of water for 15 minutes. .
SKIN:	Wash with soap and water. Remove contaminated clothing. If irritation persists seek medical attention.
INGESTION:	Do not induce vomiting. Drink plenty of water. Contact a physician.
INHALATION:	Remove to fresh air. If symptoms persist, obtain medical assistance.
NOTE TO PHYSICIANS: Treatment of overexposure should be directed toward the control of symptoms and clinical condition.	
<b>5. FIRE FIGHTING MEASURES</b>	
FLAMMABLE PROPERTIES:	Flash point > Not applicable
FLAMMABLE LIMITS IN AIR:	LEL: Not established UEL: Not established
EXTINGUISHING MEDIA:	Not applicable.
SPECIAL FIRE FIGHTING PROCEDURES: Not determined.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable.	
<b>6. ACCIDENTAL RELEASE MEASURES &amp; DISPOSAL CONSIDERATIONS</b>	
Wear protective equipment (Section 8); stop leak at source; dike area; prevent material from entering waterway; prevent contact with strong acids (See Section 7); pump material to reclaim container; use vacuum to recover material or use absorbents on remaining material; and shovel into disposal container.	
Because product uses, mixtures, processes or contamination may render this material hazardous, it is the responsibility of the user/owner of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of this material and empty containers, liners and rinseate according to current local, state and federal regulations.	
<b>7. HANDLING AND STORAGE</b>	
HANDLING: Do not wear contaminated clothing. Wash prior to eating, drinking, smoking, or use of restroom and when leaving work. Do not dispose of material or empty container to the environment. Avoid breathing dust.	
STORAGE: Do not store near or with incompatible materials.	
INCOMPATIBLE MATERIALS: Acids, soft metals, aluminum, zinc	
VENTILATION: Local exhaust, unless heating to vapor or mist.	

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<b>8. EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>		
ENGINEERING CONTROLS: General room ventilation is satisfactory. Facility should be equipped with safety shower and eye wash in area.		
EYE/FACE PROTECTION: Safety goggles.		
SKIN PROTECTION: rubber gauntlet type gloves. Use mechanical filter, rubber apron and boots if necessary.		
RESPIRATORY PROTECTION: Not required under normal conditions of use however NIOSH approved respirator is recommended. Avoid breathing dust.		
EXPOSURE GUIDELINES: (See Section 2)		
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
APPEARANCE:	White powder	ODOR: no odor
PHYSICAL STATE:	powder	VAPOR PRESSURE: not applicable
BOILING POINT:	not applicable	VAPOR DENSITY: not applicable
SOLUBILITY IN WATER:	Complete	pH: >13.0 (1% solution)
SPECIFIC GRAVITY:	approx. 1g/cc (1g/ml)	
<b>10. STABILITY AND REACTIVITY</b>		
CHEMICAL STABILITY: Stable under normal ambient and anticipated storage and handling conditions.		
CONDITIONS TO AVOID: Avoid heating to decomposition and freezing.		
INCOMPATIBILITY: Acids, may corrode soft metals aluminum, zinc		
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.		
HAZARDOUS POLYMERIZATION: Will not occur.		
<b>11. TOXICOLOGICAL INFORMATION</b>		
This material does not contain any material shown to be a carcinogen by National Toxicology Program (NTP), or OSHA. See Section 3.		
<b>12. TRANSPORTATION INFORMATION</b>		
SPECIAL SHIPPING INFORMATION: TDG Regulated.		
SHIPPING CLASS: CORROSIVE.		

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<b>13. REGULATORY INFORMATION</b> (Not meant to be all inclusive - select regulations represented)
U.S. FEDERAL REGULATIONS: TSCA: Appears in TSCA Inventory OSHA: None CERCLA HAZARD CATEGORY: Not applicable RCRA: This product does not contain any material requiring annual reporting under Section 313 of SARA Title III CANADIAN WHMIS: Not controlled.  STATE REGULATIONS: No data that material appears in any state regulation.
<b>14. OTHER INFORMATION</b>
MSDS Status: Revised April 27, 2009 (See Section 1)  This information herein is given in good faith, but no warranty, express or implied, is made. Consult Whitecourt Oil North America for further information.