

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 12/17/2004

Code: 1405

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor: <b>Bruske Products</b>		Emergency Phone: 708.532.3800	
Address: 7747 Duvan Drive, Tinley Park, IL 60477-0669		Prepared By:	
Trade Name: <b>R'Lease D'Grease PLUS - Blended</b>		Product Type: Industrial Cleaner/Degreaser	
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/Common Name	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Hydroxide	1310-73-2	1-5%	2ppm (TWA;STEL)
Sodium Metasilicate	6834-92-0	1-5%	None Established
Tetrasodium EDTA	64-02-8	1-5%	None Established
Nonionic Surfactant	9016-45-9	2-6%	None Established
SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F): 212°F	Specific Gravity (H <sub>2</sub> O=1.0): 1.08 ± 0.005	pH: 13.2	± 0.5
Vapor Pressure (mm Hg): Not Determined	Vapor Density (Air=1): Not Determined		
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H <sub>2</sub> O): <input type="checkbox"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear, red liquid with no distinct odor.	
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling		Flammable Limits: N/A Upper Lower	
Extinguishing Media: Product is noncombustible. Water Spray (Fog), Dry Chemical; CO <sub>2</sub> ; or Foam may be used where product is stored.			
Special Firefighting Procedures: Firefighters should wear a self contained breathing apparatus with full protective equipment.			
Unusual Fire and Explosion Hazards: None			
SECTION 5 - REACTIVITY DATA			
Stability: Stable		Incompatibility: Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).	
Hazardous Decomposition Products: Burning may produce oxides of carbon and other substances.			
SECTION 6 - HEALTH HAZARD DATA			
Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
Signs and Symptoms of Overexposure (Acute): Corrosive liquid. Contact with skin can cause severe irritation, possibly produce severe burns & destroy tissues; irritation may be delayed. Prolonged contact with eyes may cause severe irritation, possibly burns and permanent damage. Harmful or fatal if swallowed - causes severe burns of the mouth, throat & stomach. Inhalation of generated mists or spray may cause respiratory irritation or damage.			
Signs and Symptoms of Overexposure (Chronic): None currently known.			
Medical Conditions Aggravated by Overexposure: An existing dermatitis.			
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE			
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.			
Skin: Wash affected areas with large amounts of soap and water. If irritation persists call a physician.			
Ingestion: Do NOT induce vomiting. Drink egg whites, gelatin or if these are not available, drink large quantities of water. Call physician.			
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: Local exhaust ventilation to prevent release of mist into work environment. If ventilation not adequate, use NIOSH/MSHA approved respirator if regulatory limits exceeded.			
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/>		Eye Protection: Safety Glasses/Goggles	
Protective Gloves: Rubber/PVC		Other Protective Clothing: Impervious protective clothing appropriate to minimize contact (ie: boots, apron, faceshield) depending on operation.	
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled: Do not touch or walk through spilled material; stop leak if you can do it without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and place into containers for reuse, recycle or proper disposal.			
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage: WARNING: Corrosive liquid. Handle all containers carefully. Keep container closed when not in use. Wash thoroughly after handling. Do not get in eyes, on skin or clothing.			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS  
HAZARD  
RATING

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME