

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 06/01/2000

CODE:

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor	Bruske Products	Transportation Emergency Phone	1-800-255-3924
Address	7747 Duvan Drive, Tinley Park, Illinois 60477		
Trade Name	RDG PLUS RAW #1	Product Type	Industrial Cleaner/Degreaser Component
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT (optional)	TLV (Source)
Potassium Hydroxide	1310-58-3	25 - 35%	2ppm (TWA; STEL)
Sodium Metasilicate	6834-92-0	5 - 10%	None Established
SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F.)	212°F	Specific Gravity (20°/20°)	1.4 ± 0.005
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined
Solubility in water	☒ Complete	☐ Insoluble	☐ Emulsifiable (or Dispersible)
Evaporation Rate (vs. H ₂ O)	☐ Faster	☐ Slower	☒ About the Same
Appearance and Odor	Clear liquid with no distinct odor.		
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.)	-F. ☒ None to Boiling		
Flammable Limits	N/A		
Extinguishing Media	This product is not combustible. Water spray, dry chemical, CO ₂ , or foam may be used where this product is stored.		
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.		
Unusual Fire and Explosion Hazards	None		
SECTION 5 - REACTIVITY DATA			
Stability	Stable		
Incompatibility	Strong acids/oxidizers.		
Hazardous Decomposition Products	Burning may produce oxides of carbon and other substances.		
SECTION 6 - HEALTH HAZARD DATA			
Primary Routes of Exposure	☒ Eye ☒ Skin ☒ Oral ☐ Inhalation ☐ Other		
Signs and Symptoms of Overexposure (Acute)	Corrosive to all body tissues by all routes of exposure. Contact with skin can produce severe burns and destroy tissues; irritation may be delayed. Contact with eyes may cause severe burns, permanent damage and possibly blindness. Harmful or fatal if swallowed — causes severe burns of mouth, throat and stomach. Irritation of generated mists or spray may cause respiratory irritation or damage.		
Signs and Symptoms of Overexposure (Chronic)	Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.		
Medical Conditions Aggravated by Overexposure	An existing dermatitis.		
Carcinogen or Suspected Carcinogen Ingredients	☐ NTP ☐ IARC ☐ OSHA ☒ 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. Dilute by drinking water. Call a physician immediately.		
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.		
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection	Not required under normal use conditions. Assure adequate ventilation to prevent release of vapors and/or mists which exceed regulatory limits.		
Ventilation Requirements	Normal	☐ Local Exhaust	☐ Mechanical
Eye Protection	Safety Glasses/Goggles		
Protective Gloves	Rubber/PVC	Other Protective Clothing	Impervious protective clothing appropriate to minimize contact (ie: boots, apron, face shield) especially where spray-back/misting conditions exist.
SECTION 9 - SPILL OR LEAK PROCEDURES			
If Released or Spilled Steps to be Taken	Do not touch or walk through spilled material. Stop leak if you can do it without risk. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spill for later 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. Remove any contaminated clothing and launder before reuse. 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