MATERIAL SAFETY DATA SHEET

ORIGINAL KRUD KUTTER

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HAZARD RATINGS NFPA HMIS DATA		
HEALTH	1	0= MINIMAL 1= SLIGHT
FIRE	0	2=MODERATE 3=HIGH
REACTIVITY	0	4=EXTREME

SECTION I

MANUFACTURED BY:	SUPREME CHEMICALS OF GEORGIA, INC.
ADDRESS:	1535 Oak Industrial Lane, Suite B Cumming, GA 30041
EMERGENCY PHONE NUMBER:	(800) 255-3924 CHEMTEL for EMERGENCY ONLY
PHONE NUMBER FOR INFORMATION:	(800) 466-7126
DATE REVISED:	June 21, 2000
NAME OF PREPARER:	CLIFFORD M. CANTRELL

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

INGREDIENT	CAS NO.	OSHA PEL - TWA	ACIGH TLV - TWA	OTHER STEL	% OR RNG	S K
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM	50 PPM	< 8	x
ETHANOL, 2-AMINO	141-43-5	2 mg/m^3	2 mg/m^3	5 mg/m^3	< 4	
POTASSIUM HYDROXIDE	1310-58-3	2 PPM	2 PPM	5 PPM	< 2	

NOTE: AN 'x' UNDER 'SKIN' INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT. ETHANOL, 2-AMINO and 2-BUTOXYETHANOL ARE SARA TITLE III, SECTION 313 SUBSTANCES WHICH MAY BE SUBJECT TO REPORTING BY MANUFACTURING SECTOR USERS.

EPA HAZARD CATEGORIES
ACUTE HEALTH - CHRONIC HEALTH

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	**212°F**	**Specific Gravity (H2O=1)**	**1.01 - 1.02**
Vapor Pressure (mm Hg)	**17**	**Melting Point**	**< 30°F**
Vapor Density (Air=1)	**3.2**	**Evaporation Rate (Water=1)**	**< 1**
Solubility in Water:	**Complete**		
Appearance and odor:	**Clear liquid with mild odor.**		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	None Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media:	Carbon dioxide, dry chemical, alcohol foam, water fog
Special Fire Fighting Procedures:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING WHEN FIGHTING FIRES INVOLVING THIS PRODUCT.
Unusual Fire and Explosion Hazards:	None known.

SECTION V- REACTIVITY DATA

Stability:	Stable
Incompatibility (Materials to Avoid):	Do not mix with alkalies or oxidizing agents.
Hazardous Decomposition or Byproducts:	Heat and carbon dioxide.
Hazardous Polymerization:	Will Not Occur

SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes
Health Hazards (Acute and Chronic): None known.
Carcinogenicity:
- **NTP?** Ingredients not listed.
- **IARC Monographs?** Ingredients not listed.
- **OSHA Regulated?** Ingredients not listed.

Signs and Symptoms of Exposure:
- **INHALATION:** Irritation of respiratory system with possible difficulty in breathing.
- **INGESTION:** Small amounts may cause gastric distress, diarrhea and vomiting.
- **SKIN CONTACT:** Possible irritation. Concentrated material may be absorbed through skin.
- **EYE CONTACT:** Irritation and burning sensation with possible corneal damage.

Medical Conditions Generally Aggravated by Exposure: Unknown
Emergency and First Aid Procedures:
- **INGESTION:** Give 3-4 glasses of water. Do not administer fluids to an unconscious person. Do not Induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.
- **INHALATION:** Remove victim to fresh air. If breathing does not return to normal, GET MEDICAL ATTENTION.
- **EYE CONTACT:** Immediately flush eyes in clear running water for at least 15 minutes lifting upper and lower lids periodically.If irritation results and persists, GET MEDICAL ATTENTION.
- **SKIN CONTACT:** Flush skin with clear running water for at least 15 minutes. If irritation results and persists, GET MEDICAL ATTENTION.

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:
- **SMALL SPILLS:** Flush to sanitary sewer.
- **LARGE SPILLS:** Dike to avoid spreading. Transfer to sealable containers for disposal at an approved hazardous waste site. Rinse spill area with water. Report any releases to ground or surface waters.

Waste Disposal Method: Consign wastes to Federal, State, and locally approved hazardous waste disposal facility for neutralization.
Precautions to Be Taken in Handling and Storing: Do not freeze. Follow all label instructions. Keep container closed when not in use.
Other Precautions: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.
Container Disposal: Triple rinse and puncture containers before disposing into sanitary waste for landfill.

SECTION VIII- Control Measures

Respiratory Protection (Specify Type): For use in enclosed areas, when spraying or when concentration in air exceeds limits (see SECTION II), use NIOSH/MSMS approved CCR-AV or better respirator.
Ventilation: GENERAL EXHAUST AS REQUIRED TO MAINTAIN CONCENTRATION BELOW PEL.
Protective Gloves: Rubber or neoprene.
Eye Protection: Chemical goggles recommended when using any chemical.
Other Protective Clothing or Equipment: As required to reduce or prevent skin contact. Wash contaminated clothing before reuse.
Work/Hygienic Practices: Wash product from clothes and skin. Use good housekeeping practices.

SECTION IX - Additional Information

ENVIRONMENTAL

BIODEGRADABILITY: BIODEGRADABLE.

WASTE DISPOSAL METHODS: DISPOSE OF IN AN AUTHORIZED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

ADDITIONAL INFORMATION

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTY CONTAINER CLOSED TIGHTLY.

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES	REPORTING NOT REQUIRED
SECTION 304- HAZARDOUS RELEASES	REPORTING NOT REQUIRED
SECTION 311- COMMUNITY RIGHT TO KNOW (R-T-K)	REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 312- R-T-K INVENTORY DATA	REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 313- EMISSIONS AND RELEASE	REPORTING MAY BE REQUIRED FOR MANUFACTURING SECTOR USERS
CERCLA	SAME AS SECTION 304

REFERENCES

TOXIC SUBSTANCE CONTROL ACT LIST (TSCA) - INGREDIENTS LISTED.

PERMISSIBLE EXPOSURE REFERENCES:

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
TITLE 29 CODE OF FEDERAL REGULATIONS
NATIONAL TOXICOLOGY PROGRAM (NTP) REPORT ON CARCINOGENS
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS

REGULATORY STANDARDS:

DOT TITLE 49 CODE OF FEDERAL REGULATIONS 172.101
SARA TITLE III
NUCLEAR REGULATORY AGENCY

THIS DOCUMENT COMPLIES WITH OSHA FORM 174 AS REQUIRED UNDER 29 CFR 1910.1200.

THE INFORMATION CONTAINED HEREIN is believed to be accurate but is not warranted to be so. 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.