

**MATERIAL SAFETY DATA SHEET
KRUD KUTTER BRAND – CITRUS REMOVER**

**KRUD KUTTER BRAND
CITRUS REMOVER
KC32**

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) 424-9300 CHEMTREC for EMERGENCY ONLY
PHONE NUMBER FOR INFORMATION:	800-466-7126
DATE REVISED:	February 15, 2006
NAME OF PREPARER:	CLIFFORD M. CANTRELL

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

INGREDIENT	CAS NO.	OSHA PEL	ACIGH TLV	OTHER STEL	% OR RNG	S K
d-Limonene	5989-27-5	Not Est.	Not Est.	Not Est.	< 2	

NOTE: AN "*" UNDER 'SKIN' INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT. DOES NOT CONTAIN ANY SARA TITLE III, SECTION 313 SUBSTANCE SUBJECT TO REPORTING.

**EPA HAZARD CATEGORIES
ACUTE HEALTH**

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212°C	Specific Gravity (H2O=1)	0.99 – 1.01
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 citrus odor.		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	None (CC)	Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media:	AS APPROPRIATE TO SURROUNDING FIRE	
Special Fire Fighting Procedures:	AS APPROPRIATE TO SURROUNDING FIRE	
Unusual Fire and Explosion Hazards:	None known.	

SECTION V- REACTIVITY DATA

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

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SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? <u>Yes</u>	Skin? <u>Yes</u>	Ingestion? <u>Yes</u>	Eyes? <u>Yes</u>
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:	None expected except to individuals with existing respiratory problems which problems might be exaggerated..			
INGESTION:	Although taste would be unpleasant, ingestion of small amounts (up to ½ cup) are not expected to cause any problems.			
SKIN CONTACT:	Not irritating to normal skin. May irritate individuals with ewxisting skin disorders.			
EYE CONTACT:	Irritation and burning sensation.			
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. Treat symptomatically.			
EYE CONTACT:	Immediately flush eyes with clear running water. If irritation results and persists, GET MEDICAL ATTENTION.			
SKIN CONTACT:	Wash skin with soap and water. If irritation results and persists, apply skin cream.			

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 and collect residue for use oir disposal.

Waste Disposal Method: Unused product does not meet U.S. EPA RCRA definition of hazardous waste. Check with local and state governments for any disposal regulations affecting this product..

Precautions to Be Taken in Handling and Storing: 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): Not required.

Ventilation: NOT REQUIRED..

Protective Gloves: Rubber or neoprene recommended when using any chemicalk product.

Eye Protection: Chemical goggles recommended when using any chemical.

Other Protective Clothing or Equipment: Not required..

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.

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SARA TITLE III REPORTING REQUIREMENTS

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES
SECTION 304- HAZARDOUS RELEASES
SECTION 311- COMMUNITY RIGHT TO KNOW (R-T-K)
SECTION 312- R-T-K INVENTORY DATA
SECTION 313- EMISSIONS AND RELEASE
CERCLA

REPORTING NOT REQUIRED
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REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
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REPORTING NOT REQUIRED
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

DOT SHIPPING NAME: COMPOUND, CLEANING, N.O.S. (NOT DOT/IMO HAZARDOUS)

DOT HAZARD LABEL: NONE

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.