

MATERIAL SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Original KRUD KUTTER®
Synonyms: Not applicable
Molecular Formula: Not applicable
Molecular Weight: Not applicable

666695 Part# KK32/12
CLEANER/REMOVER, KRUD KUTTER
4884 SUPREME CHEMICALS
Buyer: Linda J. Kosakowski

Supplier:
Supreme Chemicals of Georgia, Inc.
1535 Oak Industrial Lane, Suite B
Cumming, GA 30041
USA

Emergency Telephone:
(CHEMTREC) 800-424-9300

(Non-emergency Telephone) 800-466-7126

Intended Use: Cleaning agent

2 HAZARDS IDENTIFICATION

Emergency Overview

Physical State: Liquid
Color: Clear
Odor: Mild

WARNING!
Causes eye irritation

Potential Health Effects

Inhalation: Expected to be a low inhalation hazard.

Eye Contact: Causes eye irritation. Exposure may cause tearing, redness and discomfort.

Skin Contact: May cause skin irritation in sensitive individuals. Exposure may cause redness, itching, and inflammation of skin.

Ingestion: Not expected to be an ingestion hazard for intended use. Exposure may cause gastrointestinal irritation, nausea, vomiting, diarrhea and other systemic effects.

Chronic Health Effects: None known

Target Organ(s): Skin, eye

OSHA Regulatory Status: Hazardous; consumer product use is exempt.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS-No.	Weight %
proprietary formulation	proprietary	100

Components not listed are not hazardous or are below reportable limits

4 FIRST AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention.

Skin Contact: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: If swallowed, DO NOT induce vomiting, unless directed by medical personnel. Get medical attention.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or material appropriate for surrounding fire.

Unsuitable Extinguishing Media: Not applicable

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards: None known

Hazardous Combustion Products: Carbon oxides

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment (See Section 8).

Spill Cleanup Methods: Small Liquid Spills: Wipe up or use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Large Spillages: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas.

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes. Avoid prolonged and repeated contact with skin. Wash thoroughly after handling.

Prevention of Fire and Explosion: None

Storage: Keep container closed. Store in original container. Do not store in metal containers. Keep out of reach of children.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Industrial Exposures:

Exposure Limits:

Chemical Name	Source	Type	Exposure Limits	Notes
Glycol ethers	NIOSH	IDLH	700 ppm	Skin
Glycol ethers	ACGIH	TWA	20 ppm	Eye and upper respiratory irritation
Glycol ethers	OSHA	TWA	50 ppm	Skin
Glycol ethers	Cal OSHA	TWA	20 ppm	--
Glycol ethers	Alberta OELS	TWA	20 ppm	Skin
Glycol ethers	British Columbia OELS	TWA	20 ppm	--
Glycol ethers	Ontario OELS	TWA	20 ppm	Skin
Glycol ethers	Quebec OELS	TWA	20 ppm	--
Glycol ethers	Mexico OELS	TWA	26 ppm	Skin
Glycol ethers	Mexico OELS	STEL	75 ppm	Skin
2-Aminoethanol	NIOSH	IDLH	30 ppm	--
2-Aminoethanol	ACGIH	TWA	3 ppm	Eye and skin
2-Aminoethanol	ACGIH	STEL	6 ppm	Eye and skin
2-Aminoethanol	OSHA	TWA	3 ppm	--
2-Aminoethanol	Cal OSHA	TWA	3 ppm	--
2-Aminoethanol	Cal OSHA	STEL	6 ppm	--
2-Aminoethanol	Alberta OELS	TWA	3 ppm	--
2-Aminoethanol	Alberta OELS	STEL	6 ppm	--
2-Aminoethanol	British Columbia OELS	TWA	3 ppm	--
2-Aminoethanol	British Columbia OELS	STEL	6 ppm	--
2-Aminoethanol	Ontario OELS	TWA	3 ppm	--
2-Aminoethanol	Ontario OELS	STEL	6 ppm	--
2-Aminoethanol	Quebec	TWA	3 ppm	--

	OELS			
2-Aminoethanol	Quebec OELS	STEL	6 ppm	--
2-Aminoethanol	Mexico OELS	TWA	3 ppm	--
2-Aminoethanol	Mexico OELS	STEL	6 ppm	--

Engineering Controls: Not generally required when handling product. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Eye Protection: Wear splash goggles and a face shield where a splash hazard exists.

Hand Protection: Wear chemical-resistant gloves. Contact health and safety professionals for additional information.

Skin Protection: Wear protective clothing appropriate for the risk of exposure.

Hygiene Measures: Eye wash, washing facilities

9 PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear

Odor: Mild

Physical State: Liquid

pH: < 12.2

Boiling Point: 100 °C (212° F)

Melting Point: < -1.1° C (30° F)

Flash Point: None

Evaporation Rate: < 1 (Water = 1)

Flammability: None

Flammability Limit – Upper (%): Not applicable

Flammability Limit – Lower (%): Not applicable

Vapor Pressure: 17 mm Hg (@ 20 °C) (68° F)

Vapor Density (Air=1): 3.2

Specific Gravity: 1.01 – 1.02

Solubility in Water: Complete

Partition Coefficient (n-Octanol/water): No data available

Autoignition Temperature: Not applicable

Decomposition Temperature: No data available
Volatile Organic Compounds (VOC): 0%
Viscosity: No data available
Percent Volatile: 0 %

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Strong oxidizing agents, strong acids

Hazardous Decomposition Products: Carbon oxides

Possibility of Hazardous Reactions: Will not occur.

11 TOXICOLOGICAL INFORMATION

Listed Carcinogens: None

12 ECOLOGICAL INFORMATION

Original Krud Kutter formulation is biodegradable.

13 DISPOSAL CONSIDERATIONS

General Information: Dispose in accordance with applicable federal, state, and local regulations.

Disposal Methods: No specific disposal method required.

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14 TRANSPORT INFORMATION

DOT: Not regulated

TDG: Not regulated

IATA: Not regulated

IMDG: Not regulated

15 REGULATORY INFORMATION

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

WHMIS Classification: D2B

Inventory Status

This product or all components are listed on the following inventory: TSCA, DSL

US Regulations

CERCLA Hazardous Substance List (40 CFR 302.4): None

SARA Title III

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Section 311/312 (40 CFR 370):

Acute (Immediate) Chronic (Delayed) Fire Reactive Pressure Generating

Section 313 Toxic Release Inventory (40 CFR 372): Certain glycol ethers

Clean Air Act (CCA) Section 112, 1990 Amendments, Statutory Hazardous Air Pollutants: None

Clean Air Act (CAA) Section 112(i) High-Risk Hazardous Air Pollutants (40 CFR 63.74): None

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): None

Clean Water Act Section 307 Toxic Pollutants (40 CFR 401.15): None

Clean Water Act Section 311 Hazardous Chemical (40 CFR 116.4): Potassium hydroxide

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): Potassium hydroxide

Drug Enforcement Act: None

TSCA: None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): None

Massachusetts Right-To-Know List: Glycol ethers, 2-aminoethanol, potassium hydroxide

Minnesota Right-To-Know List: Glycol ethers, 2-aminoethanol, potassium hydroxide

New Jersey Right-To-Know List: Glycol ethers, 2-aminoethanol, potassium hydroxide

Pennsylvania Right-To-Know List: Glycol ethers, 2-aminoethanol, potassium hydroxide

16	OTHER INFORMATION
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Hazard Ratings

	Health Hazard	Fire Hazard	Reactivity Hazard	Special Hazard
NFPA	2	0	0	N/A

	Health Hazard	Fire Hazard	Reactivity Hazard
HMIS	2	0	0

0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; *- Chronic health effect

Revision Information: All sections of the MSDS revised.

Prepared by: Supreme Chemicals of Georgia, Inc.

Issue Date: 12/6/07

Supersedes Date: 6/21/07

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.