



## KC HEAVY DUTY DEGREASER

### Section 1: Identification

Product Name: KC HEAVY DUTY DEGREASER  
Manufacturer's Name: Kitter Corporation  
Address: 100 S. Cleveland (P. O. Box 9680) Amarillo, Texas 79105  
Emergency Phone Number: Chem-Tel 1-800-255-3924  
Product Stewardship: 806-376-1448  
Date Prepared: March 23, 2003

### Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	50 - 90
Sodium Hydroxide	1310-73-2	<1.0
2-butoxyethanol	111-76-2	5 - 10
Nonylphenol ethoxylate	127087-87-0	1 - 2
Sodium Tripolyphosphate	7758-29-4	1 - 2
Sodium Metasilicate Pentahydrate	6834-92-0	<1.0
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)		
	OSHA PEL	ACGIH TLV
Butoxyethanol	100 ppm	100 ppm
Sodium Hydroxide	2 mg/ml	2 mg/ml
Sodium Metasilicate Pentahydrate	2 mg/ml	2 mg/ml

### Section 3: Hazard Identification

#### Potential Health Effects:

Eyes: Severe irritant.  
Skin: Product is mild skin irritant. Prolonged or repeated exposure may cause skin irritation.  
Ingestion: Harmful if swallowed. Nausea and diarrhea possible, aspiration of material into lungs can cause chemical pneumonitis which can be fatal.  
Inhalation: Little, if any, effects caused by inhalation of the vapors from this product. Concentrated vapors can cause irritation of the lungs.

Medical Conditions Aggravated by Overexposure: Repeated skin contact may cause dermatitis.

### Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Call for prompt medical attention.  
Skin Contact: Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. Seek medical attention.  
Ingestion: Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.  
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

### Section 5: Fire Fighting Measures

Flash Point & Method: >200°F, TCC Method  
Flammable Limits: LEL - N/A UEL - N/E  
Auto ignition Temperature: Not Determined  
General Hazard: None  
Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.  
Unusual Fire & Explosion Hazards: None known

### Section 6: Accidental Release Measures

Small Spills: Soak up with absorbent. Shovel in waste containers. Flush area with water.  
Large Spills: Recover spilled material for reprocessing or disposal. See Section 13 for proper disposal information.

### Section 7: Handling & Storage

Storage Temperature: Ambient  
Storage Pressure: Atmospheric  
General: Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10.) Follow all MSD Sheet and Label warnings even after emptied.

# KC HEAVY DUTY DEGREASER

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## Section 8: Exposure Control / Personal Protection

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Engineering Controls: Local exhaust ventilation is acceptable. Mechanical ventilation is recommended.

Personal Protection:

Respiratory Protection: If vapors, fumes or dusts are present use a MSHA or NIOSH approved respirator, a fresh air breathing apparatus or a self-contained breathing apparatus.

Hand Protection: Neoprene or Natural Latex gloves.

Eye Protection: Safety glasses.

Other Recommendations: Not required.

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## Section 9: Physical & Chemical Properties

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Specific Gravity (H<sub>2</sub>O=1) . . . . . 1.06 g/ml

Vapor Pressure (mmHg.) . . . . . N/A

Vapor Density (AIR=1) . . . . . NIF

Evaporation Rate (n-BuAc=1) . . . . . <1

Appearance and Odor: Purple liquid with a mild odor.

Boiling Point . . . . . >200°F

Melting Point . . . . . N/A

Solubility in Water . . . . . 100%

pH . . . . . 8 - 10

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## Section 10: Stability & Reactivity

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General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Reactive alkali metals, strong acids and bases.

Hazardous Decomposition: Forced combustion yields carbon oxides.

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## Section 11: Toxicological Information

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Results of Component Toxicity Tests Performed:

Information not available.

No Chemicals used in this product are listed as carcinogens or suspected carcinogens by the National Toxicological Program, IARC monographs or OSHA.

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## Section 12: Ecological Information

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Aquatic Effects:

Information not available.

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## Section 13: Disposal Considerations

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RCRA 40 CFR 261 Classification: Unused material is not regulated, however used material may contain regulated materials. Since Federal, State, and Local laws governing disposal of materials can differ, please ensure proper disposal compliance with proper authorities before disposal.

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## Section 14: Transportation Information

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U.S. DOT Information:

Proper Shipping Name: NON-HAZARDOUS

Hazard Class: N/A

Packing Group: N/A

UN Number: N/A

Limitations: N/A

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## Section 15: Regulatory Information

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U.S. Federal Regulations:

MSDS complies with OSHA's Hazard Communication Rule, 29CFR1910.1200.

CERCLA /Superfund, 40 CFR 117: N/A

SARA Superfund and Reauthorization Act of 1986 Title III Sections 302, 311, 312 and 313:

Section 302: None of the chemicals are listed in Section 302

Section 311 / 312: By our hazard evaluation, this product is hazardous.

EPA Hazard: Immediate (acute) health hazard.

Section 313: None of the chemicals are listed in Section 313.

TSCA: All substances are TSCA Listed.

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## Section 16: Other Information

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Revision Dates, Sections, Revised By: 03-23-2003, CREATED, D. Sloan

Abbreviations used in this Document: N/A – Not Applicable, N/E – Not Established

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