



Kitter Corporation

Material Safety Data Sheet

LAVANDA Multi-Purpose Cleaner

Section 1: Identification

Product Name: LAVANDA Multi-Purpose Cleaner
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: January 12, 2009

Section 2: Composition / Information on Ingredients

| CHEMICAL | C.A.S. NUMBER | WEIGHT % |
|--|---------------|----------|
| Water | 7732-18-5 | 70 - 99 |
| Sodium Hydroxide | 1310-73-2 | <1 |
| Nonylphenol ethoxylate | 127087-87-0 | 1 - 5 |
| Sodium Tripolyphosphate | 7758-29-4 | 1 - 5 |
| n-Dodecylbenzene Sulfonic Acid, Linear | 27176-87-0 | 1 - 5 |

OSHA Hazardous Components (29 CFR 1910.1200):

| | OSHA PEL | ACGIH TLV |
|--|-------------|-------------|
| Sodium Hydroxide | 2 mg/ml | 2 mg/ml |
| n-Dodecylbenzene Sulfonic Acid, Linear | None Listed | None Listed |

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Contact with eyes causes severe eye injury.
Skin: Product is mild skin irritant. Prolonged or repeated contact with skin may cause irritation.
Ingestion: Harmful if swallowed. Swallowing may cause abdominal discomfort, nausea, vomiting and diarrhea.
Inhalation: 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 water for at least 15 minutes. Seek medical attention.
Skin Contact: Wash skin with water and remove contaminated clothing. Do not reuse contaminated clothing.
Ingestion: Do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention immediately.
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Section 5: Fire Fighting Measures

Flash Point & Method: >200°F, TCC Method
Flammable Limits: LEL - N/A UEL - N/A
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 a cool, well-ventilated area. Avoid overheating or freezing.
Wash thoroughly after handling. Keep out of reach of children. Spilled material is slippery.

LAVANDA Multi-Purpose Cleaner

Section 8: Exposure Control / Personal Protection

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: Water repellent gloves.

Eye Protection: Safety glasses or goggles.

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

| | | | |
|---|------|-------------------------------|--------|
| Specific Gravity (H ₂ O=1) | 1.04 | Boiling Point | >200°F |
| Vapor Pressure (mmHg.) | N/A | Melting Point | N/A |
| Vapor Density (AIR=1) | >1 | Solubility in Water | 100% |
| Evaporation Rate (n-BuAc=1) | <1 | pH | 9.5 |

Appearance and Odor: Light purple liquid with a floral lavender fragrance.

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

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

Hazardous Decomposition: Forced combustion yields carbon oxides.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:

For Sodium Hydroxide (1310-73-2): Oral LD50 (Rabbit) = 500 mg/kg

For n-Dodecylbenzene Sulfonic Acid, Linear (27176-87-0): Oral LD50 (Rat) = 650 mg/kg

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

Section 12: Ecological Information

Aquatic Effects: LC50 96-hour for Fish = 10.8 mg/m³
EC50 48-hour "Daphnia magna" = 11-23 mg/m³

Section 13: Disposal Considerations

Waste Disposal Method: Recover liquid or dispose waste material in accordance with all applicable federal, state and local regulations and laws. Material collected with absorbent may be disposed of in a permitted landfill.

RCRA 40 CFR 261 Classification: Unused material is not regulated.

Section 14: Transportation Information

U.S. DOT Information:

Proper Shipping Name: NON-HAZARDOUS

Hazard Class: N/A

Packing Group: N/A

UN Number: N/A

Limitations: N/A

Section 15: Regulatory Information

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 non-hazardous.

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

TSCA: All substances are TSCA Listed.

Section 16: Other Information

Revision Dates, Sections, Revised By: 01-12-2009, CREATED, D. Sloan

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

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