

MATERIAL SAFETY DATA SHEET



KÄRCHER

603 N Monitor Road
Springdale, AR 72764
PH: (479) 756-5874

PRODUCT NAME: KD-100 General Purpose Cleaner
MSDS NO: 9.803-710.06

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FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887	FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716	HEALTH HAZARD: (0 None > 4 Extreme) Health = 2 Flammability = 0 Reactivity = 0
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: June 05, 2006
PREPARED BY: Michael E. Elmore
D.O.T. SHIPPING CLASS: Non-hazardous, cleaning compound, class 55

SUPERSEDES: N/A

SECTION 2 – HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS. NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>ORAL LD50 RAT</u>	<u>Per-Cent</u>
Trisodium Phosphate	7601-54-9	NE	NE	4150 mg/kg	1-5%

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: > 212 °F
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.02
VAPOR PRESSURE mm/hg: 23 @ 70 °F
VAPOR DENSITY (Air=1): 1.2
REACTIVITY IN WATER: None
pH 5% SOLUTION = 11.4
MELTING POINT: 32 °F
APPEARANCE AND ODOR: Purple liquid

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: None
FLAMMABILITY LIMITS IN AIR % BY VOLUME:
METHOD USED: NA
LEL LOWER: NA
UEL UPPER: NA
AUTO-IGNITION TEMPERATURE: NA
EXTINGUISHER MEDIA: Water, Dry Chemical, Carbon Dioxide
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, strong oxidizing and reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS: NA
HAZARDOUS POLYMERIZATION: will NOT occur
CONDITIONS TO AVOID: NA

SECTION 6 – HEALTH HAZARDS

ACUTE: Eye and skin irritation

CHRONIC: None Known

SIGNS & SYMPTOMS OF EXPOSURE: Eye irritation, Skin irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

CARCINOGEN OR POTENTIAL CARCINOGENS: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:

EYES: Immediately flush with water for 15 minutes. Get medical attention immediately.

SKIN: Wash thoroughly with water. Get medical attention if irritation persists.

INTERNAL: Drink water, call a physician immediately

ROUTES OF ENTRY:

INHALATION: NA

EYES: Undiluted can cause eye irritation/burns

SKIN: Undiluted can cause skin irritation

INGESTION: Undiluted can cause stomach irritation

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: Store in a cool dry area. DO NOT FREEZE keep closed when not in use.

OTHER PRECAUTIONS: None

IN CASE OF SPILL: Shut off leak if this can be done without injury. Flush area with water. Large spills should be diked with earth; then pumped to a salvage tank.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NA

VENTILATION: Use with adequate ventilation

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety glasses or goggles

OTHER: Waterproof suit and boots may be worn.

HYGIENIC PRACTICES: Wash thoroughly after handling

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

CHEMICAL NAME: **C.A.S. NO.**

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|----|--------------------------|-----------|
| 1. | Water | 7732-18-5 |
| 2. | Sodium Tripoly Phosphate | 7758-29-4 |
| 3. | Trisodium Phosphate | 7601-54-9 |

NA = Not Applicable

NE = None Established

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information herein is furnished without warranty of any kind.