

MATERIAL SAFETY DATA SHEET
MULTI-KLEEN 1568

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SECTION I - IDENTIFICATION

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24 HOUR EMERGENCY ASSISTANCE:

413-543-3381 (EASTERN TIME) 8:00AM-5:00PM
800-424-9300 (OFF HOURS) CHEMTREC

HMIS HEALTH	2
HMIS FLAMMABILITY	0
HMIS REACTIVITY	0
HMIS PROTECTION	X

HEATBATH CORPORATION
107 FRONT STREET
INDIAN ORCHARD, MASS. 01151

PREPARED BY: DAVE NAGY
INFORMATION: 413-543-3381
DATE REVISED: 12/01/97 REV.01

PRODUCT NAME..... MULTI-KLEEN 1568

DESCRIPTION..... Chemical product for cleaning metal.

DOT CLASS: NOT APPLICABLE

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SECTION II - HAZARDOUS INGREDIENTS

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HAZARDOUS COMPONENT	CAS NUMBER	PEL(MG/M3)	TLV(MG/M3)	%
MONOETHANOLAMINE	141-43-5	3.0 PPM	3.0 PPM	1-10
ANIONIC SURFACTANT	52623-95-7	N.E.	N.E.	1-10
NONIONIC SURFACTANT	9036-19-5	N.E.	N.E.	1-10

N.E.=NOT ESTABLISHED

N.A.=NOT APPLICABLE

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SECTION III - PHYSICAL DATA

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BOILING Point(F)..... >212 F	SPECIFIC GRAVITY (H2O=1).... 1.05
VAPOR PRESSURE (mm Hg).....Nil.	MELTING POINT..... N.E.
VAPOR DENSITY (Air=1)..... N.E.	EVAPORATION RATE.....N.E.
SOLUBILITY IN H2O..... completely miscible.	PH.....11-12
APPEARANCE/ODOR.....odorless, green liquid.	

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT..... None. FLAMMABLE LIMITS.....None.
LOWER FLAME LIMIT..... N.A. HIGHER FLAME LIMIT..... N.A.
IN CASE OF FIRE: Material is nonflammable. Use extinguishing media appropriate to surrounding conditions.
SPECIAL FIREFIGHTING PROCEDURES: Wear protective clothing with self-contained breathing apparatus.
UNUSUAL FIRE HAZARDS: Hazardous fumes may be released under thermal decomposition.

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SECTION V - REACTIVITY DATA

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CHEMICAL STABILITY: STABLE CONDITIONS TO AVOID: None.
INCOMPATIBLE MATERIALS: strong acids, strong oxidizers.
DECOMPOSITION PRODUCTS: ammonia under thermal decomposition.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI - HEALTH HAZARD DATA

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ROUTES OF ENTRY: inhalation, ingestion.

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HEALTH HAZARDS (ACUTE,CHRONIC): May cause eye and skin irritation. May cause eye burns with prolonged contact. May be harmful if swallowed. Avoid contact with eyes, skin or clothing.

CARCINOGENICITY: None. **NTP?:** No. **IARC?:** No. **OSHA REGULATED?:** No.

SYMPTOMS OF EXPOSURE: eye, skin and respiratory tract irritation. eye burns.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not known.

FIRST AID: INHALATION: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult,give oxygen. Get medical attention. **EYES:** Hold eyelids apart and flush with running water for at least 15 minutes. Get medical attention. **SKIN:** Wash affected area with plenty of water. Remove contaminated clothing. If irritation persists, see a physician. **INGESTION:** If conscious, give plenty of water. Do not induce vomiting. Get medical attention.

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SECTION VII - PRECAUTIONS/PROCEDURES

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IN CASE OF SPILL: Contain spills with inert absorbant. Scoop up material into a chemical waste container. Wash area with water.
WASTE DISPOSAL METHOD: Neutralize with dilute acid and dispose of in accordance with federal, state and local regulations.
PRECAUTIONS: Wear proper protective clothing when using this product. Wash thoroughly after handling.

OTHER PRECAUTIONS: Emptied containers of this product may contain hazardous vapors and residue. Clean thoroughly before reusing or discarding. Do not use a welding torch to cut container. Do not use for water or food storage.

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SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirator if dust, fumes or vapors are excessive. **VENTILATION:** provide good air dilution.
MECHANICAL EXHAUST..... X. **PROTECTIVE GLOVES:** rubber.
LOCAL EXHAUST..... X. **EYE PROTECTION:** face shield, safety goggles.
OTHER PROTECTIVE EQUIPMENT..... apron,boots, full cover work clothes.
WORK/HYGIENIC PRACTICES..... wash thoroughly after handling,laundry clothes.

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SECT IX -SARA TITLE III INFORMATION

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HAZARDOUS COMPONENT	CERCLA RQ LBS.	SECT 302 TPQ LBS.	SECT 313 TOXIC	SECT.311/312 HAZARDS
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MONOETHANOLAMINE	N.A.	N.A.	NO	A,C
NONIONIC SURFACTANT	N.A.	N.A.	NO	A
ANIONIC SURFACTANT	N.A.	N.A.	NO	A

A=IMMEDIATE (ACUTE) HEALTH HAZARD B=DELAYED (CHRONIC) HEALTH HAZARD
C=FIRE HAZARD D=SUDDEN RELEASE OF PRESSURE HAZARD E=REACTIVE HAZARD