

**LAST REVISION DATE: 05/01/09**

**MANUFACTURER: FloorCareMD**

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FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident CALL INFOTRAC - Day or Night 1-800-535-5053 Toll Free in the Continental US

**SECTION 1: GENERAL INFORMATION**

**PRODUCT NAME:** Bonesaw Ex-HEAVY UHS

FLOOR STRIPPER

PRODUCT #: tdbonesaw

PRECAUTIONS: Corrosive. Do not get in eyes, on skin or clothing. Keep container sealed when not in use. Keep out of reach of children.

FLAMMABILITY: 1

REACTIVITY: 0

HEALTH: 3

NFPA HAZARD RATINGS

4-EXTREME 3-HIGH 2-MODERATE

1-SLIGHT 0-INSIGNIFICANT

**SECTION 2: HAZARDOUS INGREDIENTS**

INGREDIENT: Monoethanolamine

CAS#: 141-43-5 10%+

OSHA PEL: 3 ppm (TWA)

ACGIH TLV: 6 ppm (STEL)

LD 50 SPECIES & ROUTE: 1.2 g/kg rat, oral

INGREDIENT: \*Ethylene Glycol Butyl (Solvent)

CAS#: 111-76-2 30%+

OSHA PEL: 50 ppm (skin) (TWA)

ACGIH TLV: 20 ppm (skin) (TWA)

LD 50 SPECIES & ROUTE: 0.5 g/kg rat, oral

\* This chemical is subject to the reporting requirements of Section 313 of SARA Title III.

N/E = Not Established, N/L = Not Listed

N/A = Not Applicable

INGREDIENT: Potassium Hydroxide

CAS#: 1310-58-3 10+

OSHA PEL: 3 ppm (TWA)

ACGIH TLV: 6 ppm (STEL)

LD 50 SPECIES & ROUTE: 1.2 g/kg rat, oral

**NON HAZARDOUS INGREDIENTS**

PROPRIETARY INFORMATION

**SECTION 3: PHYSICAL/CHEMICAL DATA**

APPEARANCE: Yellow liquid

pH: 13.0 ± 0.5

BOILING POINT: 100°C / 212°F

EVAPORATION RATE: Less than water

FREEZING POINT: 0°C / 32°F

VAPOR DENSITY: Greater than air

VOLATILE BY WEIGHT: 92-95%

VAPOR PRESSURE: Less than water

DENSITY: 8.3 lb per gal @ 68°F

1.00 kg per liter @ 20°C

SOLUBILITY IN WATER: Miscible

**SECTION 4: FIRE AND EXPLOSION DATA**

FLASH POINT: 150°F, 66°C ASTM method D56

EXPLOSIVE LIMITS:

LOWER: N/E UPPER: N/E

EXTINGUISHING MEDIA: Water spray, CO2, dry

chemical, alcohol-type or universal type foams

SPECIAL FIRE FIGHTING PROCEDURES: Do

not spray a solid stream of water or foam directly

into hot liquid. This may cause frothing.

Firefighters should wear NIOSH approved

breathing apparatus.

HAZARDOUS COMBUSTIBLE PRODUCTS: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Materials can splatter above 100°C / 212°F.

**SECTION 5: REACTIVITY DATA**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong acids and strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide

and nitrogen oxides

REACTIVITY CONDITIONS: None

**SECTION 6: HEALTH HAZARD DATA**

EYES: May cause severe burns or possible corneal damage. For eye contact, flush with a large amount of water for at least 15 -20 minutes.

Remove contact lenses, if present, after first 5

minutes, then continue rinsing. See a physician

immediately.

SKIN: Irritation, reddening or possible damage

upon repeated or prolonged contact. For skin

contact, wash affected areas 15-20 minutes while

removing contaminated clothing or footwear.

Seek medical attention for further medical advice.

INHALATION: Vapor or mist can cause

headache, nausea and irritation of the eyes, nose,

throat and lungs. For overexposure, move

subject to fresh air. Seek medical attention if

symptoms persist.

INGESTION: May cause nausea, abdominal

discomfort, vomiting, diarrhea. If ingested, do not

induce vomiting. Drink one glass of water or milk

as soon as possible to rinse throat. Immediately

call poison control or doctor for treatment advice.

Flush mouth thoroughly.

CHRONIC EFFECTS & MEDICAL CONDITIONS

AGGRAVATED BY OVEREXPOSURE: Main

hazard is due to product's severe irritant

properties. Treatment should be directed at the

control of symptoms and the clinical condition of

the patient.

CARCINOGEN: Non-carcinogenic

REPRODUCTIVE EFFECTS: N/E

TERATOGENICITY: N/E

MUTAGENICITY: N/E

THRESHOLD LIMIT VALUE: See Section II.

**SECTION 7: SPILLS, LEAK & DISPOSAL PROCEDURES**

SMALL SPILLS: Absorb spill with inert material

(e.g. sand, earth) and dispose of as waste

material in accordance with local, state and

federal regulations. Neutralize residue with

vinegar, mild acid or large amount of water.

LARGE SPILLS: Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid material to separate containers for disposal. Keep spills and cleaning runoff out of sewers and open bodies of water. WASTE DISPOSAL: Dispose of as waste material in accordance with local, state, and federal regulations.

**SECTION 8: SPECIAL PROTECTION**

EYE PROTECTION: Chemical splash goggles

(ANSI Z87.1-1989 or approved equivalent)

RESPIRATORY PROTECTION: None required

when permissible airborne concentrations are

not exceeded. In emergency, use approved

positive pressure self-contained breathing device.

VENTILATION: Mechanical local exhaust

ventilation at point of contamination release

OTHER PROTECTIVE EQUIPMENT: As required

by employer code. Rubber boots and chemical

resistant gloves recommended.

**SECTION 9: SPECIAL PRECAUTIONS**

HANDLING AND STORAGE: Storage temperature

(MAX. 60°C / 140°F) (MIN. 1°C / 34°F)

OTHER PRECAUTIONS: Keep from freezing.

**SECTION 10: ADDITIONAL INFORMATION**

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This MSDS has been provided to you in accordance with the OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200).

\*\*\*IMPORTANT SAFETY INFORMATION DO NOT DISCARD\*\*\*

\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

**Bonesaw**

**FloorCareMD**