Material Safety Data Sheet
Maxi-Guard

Revision Date: 01-Sep-06

24-HOUR EMERGENCY
1-800-255-3924

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Maxi-Guard
General Description:	Concentrated alkaline detergent
Company Information:	BouMatic LLC 1919 S. Stoughton Rd Madison WI 53716 USA 1-608-222-3484

SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Potassium Hydroxide	1310-58-3	15-40

SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

SECTION 4 - FIRST AID MEASURES

If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, ten continue rinsing. Contact a physician immediately.

If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

If on Skin:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Contact a physician immediately.

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SECTION 5 - FIRE FIGHTING MEASURES

This product is not flammable. Wear self-contained breathing apparatus and protective gear to prevent skin contact with corrosive solutions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas.

Storage: Store in a closed container away from sources of heat. If product becomes frozen, thaw and mix well before use.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid
Odor:	Mild
Specific Gravity:	1.40
pH (as is):	> 12
Solubility in Water:	Complete at recommended dilutions.

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	None Known.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Increases in temperature and/or pressure when mixed with strong acids, combustible materials, organic materials, or water. Hydrogen gas formation and possible explosion when in contact with zinc, aluminum, peroxides, or halogenated hydrocarbons.
Conditions to avoid:	Product absorbs carbon dioxide from the air. Keep containers sealed and closed.

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SECTION 11 - TOXICOLOGICAL INFORMATION

ChemicalName	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Potassium Hydroxide	2 mg/m3 TWA	2 mg/m3 TWA

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is expected to be fatal to aquatic life.
Environmental fate: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Classification:

Proper Shipping Nam	Corrosive Liquid, Basic, Inorganic NOS (Potassium Hydroxide)
Hazard Class:	8
UN Number	3266
Packing Group	II

Canadian Transportation of Dangerous Goods (TDG) Regulations:

Identical to U.S. DOT above.

International Maritime Dangerous Goods (IMDG) Code:

Identical to U.S. DOT above.

International Air Transport Association (IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above.

SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): Corrosive
Risk Phrase(s): R21 Harmful if in contact with skin.
R22 Harmful if swallowed.
R34 Causes Burns

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SECTION 16 - OTHER INFORMATION

Reason for Revision: New product.

Prepared by: BouMatic LLC Chemical Research and Development

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