

Safety Data Sheet

Issue Date: 06-Jun-2011

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name Micro Matic Wine Line Cleaner

Other means of identification

SDS # BDP-005

Product Code MM-WB68

UN/ID No UN1824

Recommended use of the chemical and restrictions on use

Recommended Use Cleaner.

Details of the supplier of the safety data sheet

Supplier Address

BDP Innovative Chemicals
4393 Virginia Dr.
Orlando, FL 32814

Emergency Telephone Number

Company Phone Number 407-927-3960

Emergency Telephone (24 hr) Chemtrec 1-800-424-9300 (North America) 1-703-527-3887 (International)

2. HAZARDS IDENTIFICATION

Appearance Bright green liquid

Physical State Liquid

Odor No distinct odor

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

2.705% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	60-70
Caustic Soda	1310-73-2	25-35
Sodium gluconate	527-07-1	1-10
Proprietary Surfactant	Proprietary	1-10
Proprietary Surfactant	Proprietary	1-10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures****General Advice**

Immediately call a poison center or doctor/physician.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediately call a poison center or doctor/physician.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If necessary, use artificial respiration to support vital functions. Immediately call a poison center or doctor/physician.

Ingestion

Rinse mouth. Do not induce vomiting. Drink plenty of water or milk immediately. Never give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head low so that stomach content does not get into the lungs.

Most important symptoms and effects**Symptoms**

Causes severe skin burns and eye damage. May cause respiratory irritation with coughing and labored breathing. Possible blistering and lesions of skin. Blindness may occur.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**Water spray (fog). Foam. Halon. Carbon dioxide (CO₂). Dry chemical. Any "ABC" class.**Unsuitable Extinguishing Media** Not determined.**Specific Hazards Arising from the Chemical**

This product is corrosive and presents a significant contact hazard to firefighters. This product is not flammable however, it does react with water causing an exothermic reaction which will result in the severe spattering of the product. When involved in a fire, this material may decompose and produce caustic vapors and toxic gases (e.g. oxides of sodium and carbon).

Hazardous Combustion Products Sodium oxides. Carbon monoxide. Carbon dioxide (CO₂).**Sensitivity to Mechanical Impact** Not sensitive.**Sensitivity to Static Discharge** Not sensitive.**Protective equipment and precautions for firefighters**

Prevent the spread of a released product to combustible objects. Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained breathing Apparatus and full protective equipment. Chemical resistant clothing may be necessary. Move fire-exposed containers of this product out of area, if it can be done without risk to firefighters. If this product is involved in a fire, fire runoff water should be contained to prevent possible environmental damage.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Uncontrolled releases should be responded to by appropriately trained personnel in proper personal protective equipment, using pre-planned procedures.

Environmental Precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up**Methods for Containment**

In case of a large spill, clear the affected area, protect people and respond with trained personnel. Minimum Personal Protective Equipment for non-incident releases should be level B: triple-gloves (rubber gloves and nitrile gloves over latex gloves), chemical resistant suit and boots, hard hat and Self Contained Breathing Apparatus.

Methods for Clean-Up

Absorb spilled liquid with suitable absorbent material. Neutralize residue with citric acid or other neutralizing agent for basic materials. Decontaminate the area thoroughly. Place all spill residue in an appropriate container and seal.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink, smoke, or apply cosmetics while handling this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing. Keep away from heat. Never allow product to come in contact with water during storage.
Incompatible Materials	Water. Strong acids. Organic halogen compounds. Organic nitro compounds. Aluminum. Zinc. Tin. Metals. Organic compounds such as leather and wool.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Caustic Soda 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls	Ventilation systems. Eyewash stations. Showers.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear splash goggles and face shield.
Skin and Body Protection	Wear neoprene or vinyl gloves for routine industrial use.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Odor	No distinct odor
Appearance	Bright green liquid	Odor Threshold	Not Established
Color	Bright green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	13.5	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	119 °C / 246.2 °F	(at 760 mm Hg)
Flash Point	Not flammable	
Evaporation Rate	similar to water	(Water = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	76 mm Hg	@ 60°C
Vapor Density	Not determined	
Specific Gravity	1.33	@ 15.6°C
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not flammable	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Density	11.11 lb/ gal @ 15.6°C	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Avoid contact with water as exothermic reaction may result.

Hazardous Polymerization

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Incompatible Materials. Extreme temperatures.

Incompatible Materials

Water. Strong acids. Organic halogen compounds. Organic nitro compounds. Aluminum. Zinc. Tin. Metals. Organic compounds such as leather and wool.

Hazardous Decomposition Products

Caustic vapors. Carbon oxides. Sodium oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns. May be harmful in contact with skin.
Inhalation	Do not inhale.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Caustic Soda 1310-73-2	-	= 1350 mg/kg (Rabbit)	-
Proprietary Surfactant	= 2100 mg/kg (Rat)	> 6310 mg/kg (Rabbit)	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity 2.705% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Caustic Soda 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Proprietary Surfactant	19.6: 96 h Pseudokirchneriella subcapitata mg/L EC50	8132: 96 h Pimephales promelas mg/L LC50 330: 96 h Lepomis macrochirus mg/L LC50 static		297: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Proprietary Surfactant	-3.53

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Caustic Soda 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN1824
 Proper Shipping Name Sodium hydroxide solution
 Hazard Class 8
 Packing Group II

IATA

UN/ID No UN1824
 Proper Shipping Name Sodium hydroxide solution
 Hazard Class 8
 Packing Group II

IMDG

UN/ID No UN1824
 Proper Shipping Name Sodium hydroxide solution
 Hazard Class 8
 Packing Group II
 Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION**International Inventories**

TSCA Listed
 DSL Listed

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

US Federal Regulations**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Caustic Soda 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Caustic Soda 1310-73-2 (25-35)	1000 lb			X

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Caustic Soda 1310-73-2	X	X	X

16. OTHER INFORMATION**NFPA****Health Hazards**

3

Flammability

0

Instability

1

Special Hazards

Not determined

HMIS**Health Hazards**

3

Flammability

0

Physical Hazards

1

Personal Protection

Not determined

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03-Jul-2014

Revision Note:

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet