

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Blu Mist

Revision: 11/1/2017

1. Identification

Product identifier

Product name: Blu Mist

Product number: BLM

Recommended use and restriction on use

Recommended use: Cleaning agent / Cleaner

Restrictions on use: No relevant information available.

Details of the supplier of the Safety Data Sheet

Verax Chemical Company
20102 Broadway Ave
Snohomish, WA 98296
Tel: 360-668-2431

Emergency telephone number

USA: (800) 535-5053 International: +1 (352) 323-3500

2. Hazard(s) identification

Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

OR

Hazard class and category	Hazard statement code(s)	
Skin corrosion/irritation	Cat. 1.	H314
Serious eye damage/eye irritation	Cat. 1.	H318

Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Hazard pictograms

Signal word: Danger

Pictograms



GHS05

Hazard statements

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statements - prevention

Do not breathe dusts or mists. 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

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.

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

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contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary statements – storage

Store locked up.

Precautionary statements – disposal

Dispose of contents / container in accordance with local / regional / national / international regulations

3. Composition/information on ingredients

Chemical Name	CAS No.	Weight %
Tetrapotassium pyrophosphate	7320-34-5	<5
Sodium hydroxide	1310-73-2	<5

Additional information:

**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

Description of first aid measures

General Advice

Immediately call a poison center or doctor/physician.

After inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

After skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

After eye contact

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.

After swallowing

Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

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Suitable extinguishing agents

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing agents: Not determined.

Special hazards arising from the substance or mixture

Not determined.

Advice for firefighters

Protective equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation.

Particular danger of slipping on leaked/spilled product.

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for clean-up

Keep in suitable, closed containers for disposal.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Precautions for safe handling

Recommendations

Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up.

Requirements to be met by storerooms and receptacles

None.

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Incompatible substances or mixtures

None known based on information supplied.

Specific end use(s): No relevant information available.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Chemical Name	CAS No.	Type	[ppm]	[mg/m ³]
Sodium Hydroxide	1310-73-2	TWA	-	2

US. ACGIH Threshold Limit Values

Chemical Name	CAS No.	Type	[ppm]	[mg/m ³]
Sodium Hydroxide	1310-73-2	Ceiling	-	2

US. NIOSH: Pocket Guide to Chemical Hazards

Chemical Name	CAS No.	Type	[ppm]	[mg/m ³]
Sodium Hydroxide	1310-73-2	IDLH/Ceiling	-	10/2

Notation

- PEL Permissible exposure limit.
- STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
- TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.
- IDLH Immediately Dangerous to Life or Health

Exposure controls

Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection

Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and body protection

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

Other protection measures

None.

Limitation and supervision of exposure into the environment

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Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Risk management measures No special requirements.

9 Physical and chemical properties

Information on physical and chemical properties

Appearance

Form	Liquid
Color	Clear, blue-green
Odor	Pleasant
Odor threshold	Not determined
pH	13
Melting point/freezing point	0°C (32°F)
Boiling point/boiling point range	100°C (212°F)
Flash point	Not flammable
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not determined
Flammability limit – upper (%)	Not determined
Explosive limit – lower (%)	Not determined
Explosive limit – upper (%)	Not determined
Vapor Pressure at 20°C (68°F)	Not determined
Density at 20°C (68°F)	1.02 g/cm ³ (8.5 lbs/gal)
Relative density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Solubility(ies)	
Solubility (water)	Fully miscible
Partition coefficient (n-octanol/water)	Not determined
Viscosity	Not determined
Other information	No relevant information available

10 Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport

Chemical stability

The product is stable under normal conditions

Possibility of hazardous reactions

None under normal processing.

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Conditions to avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11 Toxicological information

Information on likely routes of exposure

Product Information

Eye Contact: Causes severe eye damage.

Skin Contact: Causes severe skin burns.

Inhalation: Do not inhale.

Ingestion: Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrapotassium pyrophosphate 7320-34-5	-	>4640 mg/kg (Rabbit)	-
Ethoxylated Alcohol 66455-14-9	>10 gg/kg (Rat)	>2 g/kg (Rat)	-
Sodium Hydroxide 1310-73-2	-	=1350 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

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (dermal) 49,178.00 mg/kg

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12 Ecological information

Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical Name	Endpoint Value	Species	Exposure time
Tetrapotassium pyrophosphate 7320-34-5	100 mg/L LC50	Oncorhynchus mykiss	96 h
	100 mg/L EC50	water flea	48 h
Sodium Hydroxide 1310-73-2	45.4 mg/L LC50 static	Oncorhynchus mykiss	96 h

Persistence and degradability

Not determined.

Bioaccumulative potential

Not determined.

Mobility in soil

No relevant information available.

Additional ecological information

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Other adverse effects: Not determined.

13 Disposal considerations

Waste treatment methods

Disposal Recommendations

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium Hydroxide 1310-73-2	Toxic Corrosive

14 Transport information

DOT



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Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15 Regulatory information

International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory

US Federal Regulations**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-76-2	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)

Chemical Name	Reportable Quantities	Toxic Pollutants	Priority Pollutants	Hazardous Substances
Sodium hydroxide	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
Sodium hydroxide	X	X	X

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of Preparation / current revision: 11/1/2017 /**Sources**Website, European Chemicals Agency (echa.europa.eu)Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)



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Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers