

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : #124 Non-Caustic Heavy Duty Ultrasonic Cleaning Detergent
Product code : #124

1.2. Relevant identified uses of the substance or mixture and uses advised against
Industrial Cleaner

1.3. Details of the supplier of the safety data sheet

Sonicor Inc.
82 Otis St. – West Babylon, N.Y. 11704
PHONE: (631)920-6555

1.4. Emergency telephone number

Emergency number: INFOTRAC: 800-535-5053 North America

352-323-3500 International

SECTION 2: Hazards identification

GHS Classification

Serious Eye Damage/Eye Irritation:
Skin Sensitization:

GHS Label Elements

Signal Word:

Symbols:

Warning



Hazard Statements:

Causes mild skin irritation.
Causes serious eye irritation
May cause an allergic skin reaction

Precautionary Statements:

Prevention:

Wash hands and any exposed skin thoroughly after handling.
Wear eye / face protection
Wear protective gloves
Avoid breathing vapors, spray or mists.
Do not allow Inhalation of the spray or mist

Response:

-Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

-Skin

IF ON SKIN (or hair): Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage:

Not Applicable

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

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Hazards Not Otherwise Classified: Not Applicable

Other Information:

- Harmful if swallowed
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

SECTION 3: Composition/information on ingredients

Name	Product identifier (cas#)	% Range
Sodium Metasilicate	684-92-0	1-10
Surfactant Blend	Mixture	1-10
2-butoxyethanol	111-76-2	1-10
Trisodium Phosphate	7758-29-4	1-10

Partial contents or exact percentage are trade secret

SECTION 4: First aid measures

-Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs/ persists: Get medical attention.

-Skin Contact: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.

-Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

-Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Note to Physicians: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : Thermal decomposition generates : Corrosive vapors.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.
Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from
: Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No exposure limit values known

2-butoxyethanol (111-76-2)		
USA ACGIH	ACGIH TWA (ppm)	20PPM
USA ACGIH	ACGIH STEL (ppm)	20 ppm
USA ACGIH	Remark (ACGIH)	Eye & Urt irr
USA OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm

No other exposure limit values known

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves/eye protection/face protection protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and Body Protection :Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Green

Odor : Detergent/characteristic solvent

Odor threshold : No data available

pH : 12.0 +/- .5

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : Not Applicable

Freezing point : No data available

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Boiling point : 212 - 220 °F
Flash point : ≥ 200 °F
Voc : <40gr/liter in concentrate est
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available
Relative vapor density at 20 °C : Same as water
Relative density : No data available
Solubility : Soluble in water. :
Water: Solubility in water of component(s) of the mixture : Complete
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Explosive limits : No data available
9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity :
10.2. Chemical stability :Stable under normal conditions. Not established.
10.3. Possibility of hazardous reactions :Not established.
10.4. Conditions to avoid :Extremely high or low temperatures.
10.5. Incompatible materials :Strong acids. Strong bases.
10.6. Hazardous decomposition products fume. :

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Harmful if swallowed. Harmful in contact with skin.

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl Ether	LD50 Dermal	Guinea pig	>2000 mg/kg	-
	LD50 Oral	Guinea pig	1200 mg/kg	-
	LC50 Inhalation Vapor	Guinea pig	>633 ppm	1 hours
Sodium Metasilicate	LD50 Oral	Rat	1153 mg/kg	-
	LD50 Oral	Mouse	770 mg/kg	-

SECTION 12: Ecological information

12.1. Toxicity – The product as a whole has not been evaluated

2-butoxyethanol (111-76-2)

LC50 fish 1 1	16 ppm (96 h; Cyprinodon variegatus; Nominal concentration)
EC50 Daphnia 1	1700 mg/l (48 h; Daphnia sp.; Nominal concentration)
LC50 fish 2	1341 ppm (96 h; Lepomis macrochirus)
EC50 Daphnia 2	1720 mg/l (24 h; Daphnia magna)
TLM fish 1	100 - 1000,96 h; Pisces
TLM other aquatic organisms 1	100 - 1000,96 h

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Threshold limit algae 1 900 mg/l (168 h; Scenedesmus quadricauda)
Threshold limit algae 2 35 mg/l (192 h; Microcystis aeruginosa)

12.2. Persistence and degradability : Not established.
12.3. Bioaccumulative potential : Not established.
12.4. Mobility in soil : No additional information available
12.5. Other adverse effects : Effect on ozone layer : No additional information available
Effect on the global warming : No known ecological damage caused by this product.
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

DOT: Not Regulated
Proper Shipping Name: Non Hazardous Product

Special Provisions:

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

SECTION 15: Regulatory information

15.1. US Federal regulations
No additional information available
15.2. International regulations
CANADA
No additional information available
EU-Regulations
No additional information available
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified
15.2.2. National regulations
No additional information available
15.3. US State regulations

SECTION 16: Other information

Other information : None.
Full text of H-phrases: see section 16:
HMIS III Rating
Health : 1
Flammability : 0 Minimal Hazard
Physical : 0 Minimal Hazard
Personal Protection : B
Revision date : 05/30/2015 rev1: Reason: Update
Other information : None.
SDS US (GHS HazCom 2012)