

Safety Data Sheet

Specialty Algaenox

Date: 06/03/2015

Version: 1

1. Identification

1.1. Product identifier

Product Identity Specialty Algaenox
Alternate Names Specialty Algaenox

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

Intended use Microbiocide
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name U.S. Specialty Color Corporation
5624 Cannon Drive
Monroe, NC 28110

Emergency

24 hour Emergency Telephone No. 1-800-424-9300
Customer Service: U.S. Specialty Color Corporation 704-292-1476

2. Hazard(s) identification

2.1 Classification of the substance or mixture

Skin Corr. 1A;H314	Causes severe skin burns.
Eye Dam. 1;H318	Causes serious eye damage.
Carc. 2 (Ingestion);H351	Suspected of causing cancer.
Aquatic Chronic 1;H410	Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H310 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H351 Suspected of causing cancer.
H410 Very toxic to aquatic life with long lasting effects.

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[Prevention]:

P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P262 Do not get in eyes, on skin, or on clothing.
P273 Avoid release to the environment.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P308+313 IF exposed or concerned: Get medical advice / attention.
P331: Do NOT induce vomiting.
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium nitrate CAS Number: 0007631-99-4	<2.5	Eye Dam. 1;H318 Carc. 2 (Ingestion);H351	[1]
5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mix) CAS Number: 055965-84-9	<1.5	Skin Corr. 1A;H314 Eye Dam. 1;H318 Aquatic Chronic 1;H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

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4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Immediately flush the eyes with large amounts of water for at least 15 minutes, alternately lifting the upper and lower eyelids. After 5 minutes, if appropriate, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Call a physician at once.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	Get immediate medical attention. DO NOT induce vomiting. Do not give anything by mouth unless instructed to do so by a poison center or health care provider.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Emergency overview Contact with eyes may cause severe irritation and may cause burns, loss of vision. Harmful if swallowed. Nitrites and nitrates have been identified as probable human carcinogens by the IARC (group 2A)
Inhalation	Corrosive, destructive to tissues of mucous membranes and upper respiratory tract.
Ingestion	Corrosive, swallowing can cause severe burns of mouth, throat, stomach, leading to death.
Skin	Corrosive, can cause severe irritation to the skin.
Eye	Corrosive, can cause blurred vision, redness, tissue burns and severe irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Water, carbon dioxide, foam.

5.2. Special hazards arising from the substance or mixture

Hazardous composition products: Burning may produce carbon oxides, nitrogen oxides, sulfur dioxide, hydrogen chloride.

5.3. Advice for fire-fighters

Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Wear prescribed protective equipment. Vacuum or sweep up material and place in a designated container immediately. Prevent run off to drains, sewers or other public waterways.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled. Wash hands and face before eating, drinking, and smoking. Put on appropriate personal protective equipment (see section 8).

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Store in original container, in a cool, dry location. Close package tightly after removal of product.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0007631-99-4	Sodium nitrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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		Supplier	No Established Limit
0055965-84-9	5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mix)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m3 (50 mppcf*) TWA, ACGIH 10 mg/m3.

Carcinogen Data

CAS No.	Ingredient	Source	Value
0007631-99-4	Sodium nitrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0055965-84-9	5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mix)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

8.2. Exposure controls

- Respiratory** If a risk assessment indicates it is necessary, an appropriate NIOSH approved, properly fitted HEPA type respirator.
- Eyes** Use chemicals safety goggles / or a full face shield where splashing is possible.
- Skin** Wear a rubber or plastic apron. Wear clothing suitable to avoid skin contact and clean after every shift. Wear impermeable rubber or plastic gloves.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Eye wash fountain and emergency showers are recommended. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Colorless to pale yellow liquid
Odor	Mild
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured / 32F

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Initial boiling point and boiling range	212F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.015-1.035
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Solubility in Water	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

Strong oxidizing agents and acids..

10.6. Hazardous decomposition products

When used and handled as directed, none.

11. Toxicological information

Acute toxicity

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Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Oral LD50, Mg/kg	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium nitrate - (7631-99-4)	1,267.00, rat	No data available	14.00, human	No data available	No data available
5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mix) - (55965-84-9)	No data available	No data available	No data available	No data available	No data available

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1A	Not Applicable
Serious eye damage/irritation	1	Not Applicable
Respiratory sensitization	---	May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Skin sensitization	---	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	2	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	3 hr EC50, mg/l
Sodium nitrate - (7631-99-4)	Rainbow trout - 1,658	Daphnia - 323	Not Available
5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mix) - (55965-84-9)	Not Available	Not Available	0.97

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12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	3265	3265	3265
14.2. UN proper shipping name	UN3265, Corrosive Liquid, Acidic Organic, N.O.S. (5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1)), 8 PG II	UN3265, Corrosive Liquid, Acidic Organic, N.O.S. (5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1)), 8 PG II	UN3265, Corrosive Liquid, Acidic Organic, N.O.S. (5-Chloro-2-methyl-2H-isothiazol-3-one with 2-methyl-2H-isothiazol-3-one (3:1)), 8 PG II
14.3. Transport hazard class(es)	DOT Hazard Class: 8	IMDG: 8 Sub Class: Not Applicable	Air Class: 8
14.4. Packing group	II	II	II
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes		
14.6. Special precautions for user	Danger: Corrosive substance		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected

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regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification C D2B

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Sodium nitrate

Pennsylvania RTK Substances (>1%):

Sodium nitrate

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and

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orders.

The full text of the phrases appearing in section 3 is:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H351 Suspected of causing cancer. (Ingestion)

H410 Very toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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