

### SAFETY DATA SHEET

#### 1. Product and Company Identification

**Product identifier** No. 85 Algaecide (4108-08)

Other means of identification Not available Algaecide Recommended use Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Nu-Calgon Company name 2008 Altom Court **Address** St. Louis, MO 63146

**United States** 

Telephone 314-469-7000 / 800-554-5499

E-mail info@nucalgon.com

1-800-424-9300 (CHEMTREC) **Emergency phone number** 

#### 2. Hazards Identification

Physical hazards Not classified.

**Health hazards** Acute toxicity, inhalation Category 4

> Serious eye damage/eye irritation Category 2

**Environmental hazards** Not classified. Not classified. **OSHA** defined hazards

Label elements



Signal word Warning

**Hazard statement** Causes serious eye irritation.

Harmful if inhaled.

**Precautionary statement** 

Prevention Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Wash thoroughly after

handling. Wear eye/face protection.

Response If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison

center/doctor if you feel unwell.

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 advice/attention.

Store away from incompatible materials. Storage

Dispose of waste and residues in accordance with local authority requirements. Disposal

Hazard(s) not otherwise

classified (HNOC)

None known.

This is a registered EPA product. The product labeling is in compliance with EPA regulations and Supplemental information

guidelines.

#### 3. Composition/Information on Ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Poly[oxyethylene(dimethyliminio)eth		31075-24-8	30

ylene(dimethyliminio)ethylene dichloride]

#### 4. First Aid Measures

Inhalation Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial

respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further

treatment advice.

Skin contact If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water

for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if Eye contact

present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor

for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person Ingestion

sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison

control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

delayed Indication of immediate

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

medical attention and special treatment needed

**General information** 

Ensure that medical personnel are aware of the material(s) involved, and take precautions to (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid

protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately contact with eyes and skin. Wear rubber gloves and safety glasses with side shields. Keep out of reach of children.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Firefighters should wear full protective clothing including self-contained breathing apparatus.

#### 5. Fire Fighting Measures

Suitable extinguishing media

Unsuitable extinguishing

media

Treat for surrounding material.

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Firefighters should wear a self-contained breathing apparatus.

Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions Move containers from fire area if you can do so without risk.

Specific methods General fire hazards Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

#### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the

Methods and materials for containment and cleaning up Large Spills: Stop leak if you can do so without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent entry into waterways, sewers, basements or confined areas.

**Environmental precautions** 

Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

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#### 7. Handling and Storage

Precautions for safe handling

Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Avoid contact with skin and clothing. Avoid breathing vapors or mists of this product. Keep container tightly closed.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Conditions for safe storage, including any incompatibilities Store in a closed container away from incompatible materials. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

#### 8. Exposure Controls/Personal Protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

**Biological limit values** 

No biological exposure limits noted for the ingredient(s).

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Respiratory protection

Wear safety glasses with side shields.

Skin protection

Rubber gloves. Confirm with a reputable supplier first. Hand protection

Wear suitable protective clothing. As required by employer code. Other

In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing mists or

vapors. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink.

#### 9. Physical and Chemical Properties

Liquid **Appearance** Physical state Liquid. Liquid **Form** Amber Color

Odor Characteristic Odor threshold Not available. рH 6.5 (Concentrate) Melting point/freezing point 32 °F (0 °C)

Initial boiling point and boiling

range

212 °F (100 °C)

Not available. Pour point

Specific gravity 1 07

Partition coefficient

(n-octanol/water)

Not available

Flash point None to boiling Not available **Evaporation rate** Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits

Flammability limit - lower

Not available

Flammability limit - upper

Not available

Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. Not available Vapor pressure Not available Vapor density Relative density Not available. Complete Solubility(ies)

Auto-ignitiontemperatureNotavailableDecompositiontemperatureNotavailableViscosityNot available

10. Stability and Reactivity

**Reactivity** This product may react with strong oxidizing agents.

Possibility of hazardous

reactions

Hazardous polymerization does not occur.

**Chemical stability** Stable under recommended storage conditions.

Conditions to avoid Do not mix with other chemicals.

Incompatible materials Oxidizers. Acids.

Hazardous decomposition

products

May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

#### 11. Toxicological Information

#### Information on likely routes of exposure

**Ingestion** Expected to be a low ingestion hazard.

Inhalation Harmful if inhaled.

**Skin contact** No adverse effects due to skin contact are expected.

**Eye contact** Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

2.9 mg/l/4h

Information on toxicological effects

Acute toxicity Harmful if inhaled.

Components Species Test Results

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride] (CAS 31075-24-8)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat

Oral

LD50 Rat 3700 mg/kg

1951 mg/kg, male rat
1850 mg/kg, female rat

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

Exposure minutesNot available.Erythema valueNot available.Oedema valueNot available.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Corneal opacity value Not available.

Iris lesion value Not available.

Conjunctival reddening Not available.

value

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitization

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

Germ cell mutagenicity Non-hazardous by OSHA criteria.

Carcinogenicity Non-hazardous by OSHA criteria.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Non-

Non-hazardous by OSHA criteria.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

Not available.

Chronic effects

Non-hazardous by OSHA criteria.

**Further information** 

Not available.

#### 12. Ecological Information

**Ecotoxicity** 

This pesticide is toxic to fish, aquatic organisms and clams.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential Mobility in soil Mobility in general No data available. No data available. Not available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### 13. Disposal Considerations

**Disposal instructions** 

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

#### 14. Transport Information

#### **U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

#### IATA/ICAO (Air)

**Basic shipping requirements:** 

UN number UN3082

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.

 $(Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene \ dichloride])\\$ 

Hazard class 9
Packing group III

#### **IMDG (Marine Transport)**

**Basic shipping requirements:** 

UN number UN3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. SOLUTION

(Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]), MARINE

**POLLUTANT** 

Hazard class 9
Packing group III
Marine pollutant Yes
EmS F-A, S-F



#### 15. Regulatory Information

#### **US federal regulations**

This is an EPA registered product. This material can only be used commercially in the EPA registered application(s) noted on the product label.

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA Registration Number 1448-233-65516

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. CAUTION: Causes moderate eye irritation. Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wear chemical-resistant eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash clothing before reuse.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish, aquatic organisms and clams. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

No

SARA 311/312 Hazardous

No

chemical

SARA 313 (TRI reporting)

Not regulated.

#### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

Food and Drug Administration (FDA) Not regulated.

**US** state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

**US. Rhode Island RTK** 

Not regulated.

Country(s) or region Inventory name

On inventory (yes/no)\*

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

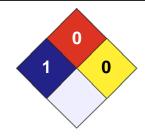
Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

#### 16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0





**Disclaimer** 

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

02-September-2015

Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the

document.

Other information

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of

Chemicals (GHS).

Prepared by

Issue date

Nu-Calgon Technical Service Phone: (314) 469-7000

## **MATERIAL SAFETY DATA SHEET**



## 1. Product and Company Identification

Product Name No. 85 Algaecide (4108)

CAS # Mixture
Product use Algaecide
Manufacturer Nu-Calgon
2008 Altom Court

St. Louis, MO 63146 US

Phone: 314-469-7000 / 800-554-5499

Emergency Phone: 1-800-424-9300 (CHEMTREC)

## 2. Hazards Identification

Emergency overview CAUTION

MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

Potential short term health effects

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.

Eyes May cause irritation.

Skin May cause irritation.

**Inhalation** May cause respiratory tract irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

Target organs Eyes. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and

vomiting.

OSHA Regulatory Status

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

Potential environmental effects See section 12.

# 3. Composition / Information on Ingredients

Ingredient(s)	CAS#	Percent
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio) ethylene dichloride]	31075-24-8	20 - 40

### 4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing.

Obtain medical attention if irritation persists.

**Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation

persists.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical

attention.

**Ingestion** Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce

risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing.

Obtain medical attention.

**Notes to physician** Symptoms may be delayed.

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that

medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with

eyes and skin. Keep out of reach of children.

# 5. Fire Fighting Measures

Flammable properties Not flammable by OSHA criteria.

**Extinguishing media** 

**Suitable extinguishing media** Fog. Dry chemical. Foam.

Unsuitable extinguishing media Not available

Protection of firefighters

Specific hazards arising from

the chemical

Not available

Protective equipment for

firefighters

Firefighters should wear full protective clothing including self contained breathing

apparatus.

**Hazardous combustion products** 

May include and are not limited to: Oxides of carbon. Chlorine gas.

**Explosion data** 

Sensitivity to mechanical impact Not available Sensitivity to static discharge Not available

## 6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not

touch damaged containers or spilled material unless wearing appropriate protective

clothing. Keep people away from and upwind of spill/leak.

**Environmental precautions** Do not discharge into lakes, streams, ponds or public waters.

Methods for containment Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements

or confined areas.

**Methods for cleaning up**Before attempting clean up, refer to hazard data given above. Small spills may be

absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency

services and supplier for advice. Never return spills to original containers for re-use.

## 7. Handling and Storage

**Handling** Use good industrial hygiene practices in handling this material.

When using do not eat or drink. Avoid contact with skin and clothing. Avoid contact with eyes. Avoid breathing vapors or mists of this product.

Keep container tightly closed.

Use only with adequate ventilation. Wash thoroughly after handling.

Storage Keep out of reach of children. Store in a closed container away from incompatible

materials.

# 8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s) Exposure Limits

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)

ethylene dichloride]

ACGIH-TLV

Not established

**OSHA-PEL** 

Not established

**Engineering controls** General ventilation normally adequate.

Personal protective equipment

**Eye / face protection** Wear safety glasses with side shields.

Hand protection Rubber gloves. Confirm with a reputable supplier first.

**Skin and body protection** As required by employer code.

Respiratory protection Avoid breathing mists or vapors. Where exposure guideline levels may be exceeded, use

an approved NIOSH respirator.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. When using do

not eat or drink. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

AppearanceLiquid.ColorAmberFormLiquid

**Odor** Characteristic

Odor threshold Not available Physical state Liquid

6.5 (Concentrate) рH 32.00 °F (0 °C) Freezing point 212.00 °F (100 °C) **Boiling point** Pour point Not available Not available **Evaporation rate** None to boiling Flash point **Auto-ignition temperature** Not available Flammability limits in air, lower, % Not available

by volume

Flammability limits in air, upper, %

by volume

Not available

Vapor pressure Not available Not available Vapor density

1.07 Specific gravity

Octanol/water coefficient Not available Complete Solubility (H2O) Not available VOC (Weight %) Not available **Viscosity** 

Percent volatile 70

## 10. Stability and Reactivity

This product may react with strong oxidizing agents. Reactivity

Possibility of hazardous reactions Hazardous polymerization does not occur. **Chemical stability** Stable under recommended storage conditions.

Conditions to avoid Do not mix with other chemicals.

Oxidizers, Acids, Incompatible materials

Oxides of carbon. Chlorine gas. May include and are not limited to: **Hazardous decomposition products** 

## 11. Toxicological Information

Component analysis - LC50

LC50 Ingredient(s)

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)

ethylene dichloride]

Not available

Component analysis - Oral LD50

Ingredient(s) **LD50** 

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio) 3700 mg/kg rat

ethylene dichloride]

Effects of acute exposure

Eve May cause irritation. Skin May cause irritation.

Inhalation May cause respiratory tract irritation.

Ingestion May cause stomach distress, nausea or vomiting.

Non-hazardous by OSHA criteria. Sensitization **Chronic effects** Non-hazardous by OSHA criteria. Carcinogenicity Non-hazardous by OSHA criteria. Non-hazardous by OSHA criteria. Mutagenicity Non-hazardous by OSHA criteria. Reproductive effects Non-hazardous by OSHA criteria. **Teratogenicity** 

Name of Toxicologically Synergistic Not available

**Products** 

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# 12. Ecological Information

**Ecotoxicity** Components of this product have been identified as having potential environmental

concerns.

Persistence / degradability Not available Bioaccumulation / accumulation Not available Mobility in environmental media Not available

**Environmental effects** 

This product is toxic to fish.

Not available **Aquatic toxicity** Partition coefficient Not available Chemical fate information Not available

# 13. Disposal Considerations

**Disposal instructions** 

Dispose in accordance with all applicable regulations.

Waste from residues / unused products

Not available

Not available Contaminated packaging

# 14. Transport Information

#### U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

# 15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous

chemical

Yes

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication **US Federal regulations** 

Standard, 29 CFR 1910.1200.

EPA Registration Number 1448-233-65516

**CERCLA (Superfund) reportable quantity** 

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Immediate Hazard - Yes **Hazard categories** 

Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

Section 302 extremely

hazardous substance

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available Clean Water Act (CWA) Not available

This product does not contain a chemical known to the State of California to cause State regulations

cancer, birth defects or other reproductive harm.

Inventory status

Country(s) or region Inventory name On inventory (yes/no)\*

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

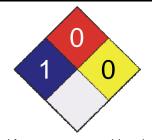
## 16. Other Information

LEGEND	
HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Disclaimer

Issue date

Health / 1
Flammability 0
Physical Hazard 0
Personal Protection X



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01-Jun-2011 31-Jul-2011

Nu-Calgon Technical Service (314) 469-7000

n For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

Effective date
Prepared by
Other information