

SECTION 1. IDENTIFICATION

1.1 Product Identifier

Product Name: Sani Station™ Sanitizer & Cleaner
Chemical family; Synonyms: Sodium Dichloro-S-Triazinetrione Dihydrate; Available chlorine
Other Means of Identification: 14 g (0.5 oz) Packets

1.2 Relevant identified uses and uses advised against

Recommended use: For cleaning and sanitizing commercial food service equipment.
Restrictions on use: **FOR PROFESSIONAL/INDUSTRIAL/INSTITUTIONAL USE ONLY.**

1.3 Details of the supplier(s)

Distributor: San Jamar/CFS Brands
Address: 555 Koopman Lane, Elkhorn, WI 53121
Telephone Number: 1-262-723-6133
Other Distributors:
Address:
Telephone Number:

1.4 Emergency Telephone Number: US - POISON HOTLINE: 1-800-222-1222

SECTION 2. HAZARDS IDENTIFICATION

EU/EEC

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the mixture

CLP: Eye Irritation 2 - H319
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
DSD/DPD: Irritant (Xi) R36/37

2.2 Label Elements

CLP

WARNING



Hazard Statements:

- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.

Precautionary Statements

Prevention:

- P261 - Avoid breathing dust.
- P264 - Wash thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage:

- 403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.

Disposal:

- P501 - Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD
Symbol:



Risk phrases: • R36/37 - Irritating to eyes and respiratory system.

Safety phrases: • S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other Hazards

CLP: According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD: According to European Directive 1999/45/EC this preparation is considered dangerous.

United States (US) - According to OSHA 29 CFR 1910.1200 (HCS 2012)

2.1 Classification of the mixture

OSHA HCS 2012

Eye Irritation 2 - H319

Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

2.2 Label elements

WARNING



Hazard Statements: • H319 - Causes serious eye irritation.
• H335 - May cause respiratory irritation.

Precautionary Statements

Prevention:

- P261 - Avoid breathing dust/fume.
- P264 - Wash thoroughly after handling.
- P271 - Use only in a well-ventilated area.
- P280 - Wear eye protection, protective gloves and protective clothing.

Response:

- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.

Storage:

- 403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.

Disposal:

- P501 - Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

This product is considered hazardous according to US Regulation 29 CFR 1910.1200 Hazard Communication Standard (HCS 2012) criteria.

Canada - According to the Hazardous Products Regulations (HPR/WHMIS 2015)

2.1 Classification of the mixture

HPR/WHMIS 2015

This product is classified as hazardous according to HPR/WHMIS 2015 Part 8 criteria.

Skin Irritation - Category 2

Eye Irritation - Category 2A

Specific Target Organ Toxicity Single Exposure - Respiratory Tract Irritation Category 3

Acute Toxicity - Inhalation Category 4

2.2 Label elements

Symbol:



Signal Word:

WARNING

Hazard Statements:

- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H332 - Harmful if inhaled.

Precautionary Statements

Prevention:

- P261 - Avoid breathing dust, fume, mist, vapors or spray.
- P271 - Use only in a well-ventilated area.
- P280 - Wear protective gloves, protective clothing, eye protection.
- P264 - Wash thoroughly after handling.

Response:

- P302 + 352 - IF ON SKIN: Wash with plenty of water.
- P332 + P313 - If skin irritation occurs obtain medical attention.
- P362 + P364 - Take off contaminated clothing and wash it before reuse.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists obtain medical attention.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 - Obtain medical attention if you feel unwell.

Storage:

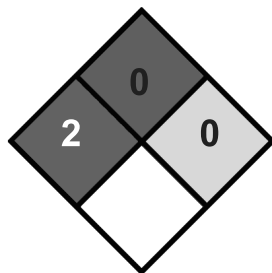
- P403 - Store in a well-ventilated place.
- P233 - Keep container tightly closed.
- P405 - Store locked up.

Disposal:

- P501 - Dispose of contents in accordance with applicable regulations.

2.3 Other Hazards

NFPA:



HEALTH
FIRE
INSTABILITY
SPECIAL

Legend	
Extreme Danger	4
Serious	3
Moderate	2
Slight	1
Minimal	0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: Does not meet the criteria of a substance in accordance with Regulation (EC) No. 1272/2008.

3.2 Mixtures

Composition			
Chemical Name, Common Name, Synonyms, & CAS #	Concentration (% wt/wt)	Toxicity Data	Health Hazard Classes
*Proprietary Sodium Salt CAS# not available	*30 - 60%	LD50 Oral (Rat): 3120 mg/kg LD50 Dermal (rabbit): >4640 mg/kg	EU DSD/DPD: Self Classified - Xi; R36/37/38 EU CLP: Self Classified - Eye Irrit. 2, H319; Skin Irrit. 2, H315; STOT SE 3: Resp. Irrit., H335 OSHA HCS 2012: Eye Irrit. 2A, Skin Irrit. 2; STOT SE 3 - Resp. Irrit.
*Proprietary Sodium Salt CAS# not available	*10 - 30%	eye rbt 100 mg/30S rinse MLD LC50 Inhalation (rat 2h): 2300 mg/m ³ equivalent to 1150 mg/m ³ (4 hr)	EU DSD/DPD: Annex I - Xi; R36 EU CLP: Annex VI-Eye Irrit.2, H319 OSHA HCS 2012: Eye Irrit. 2A; Skin Irrit. 2; STOT SE 3 - Resp. Irrit.
Sodium Dichloro-S-Triazinetrione Dihydrate CAS# 51580-86-0	2.4%	LD50 Oral (rat): 735 mg/kg LD50 Dermal (rabbit): >2000 mg/kg LC50 Inhalation (rat 4 h): <1637 mg/m ³	EU DSD/DPD: Self Classified - C; R34 N; R50- 53 Xn; R22/R20 EU CLP: Self Classified - Aquatic Acute 1, H400; Eye Dam. 1, H318; Skin Corr. 1A, H314; Acute Tox. 4, H332; Acute Tox. 4, H302 OSHA HCS 2012: Eye Dam. 1; Skin Corr. 1A; Acute Tox. (inhl) 4; Acute Tox. 4 (oral)
(Chlorine available when added to water CAS# 7782-50-5)	1.34%	LC50 Inhalation (mouse 1 h): 137 ppm LC50 Inhalation (rat 1 h): 293 ppm TCLo Inhalation (human 1 h): 66 ppm	OSHA HCS 2012: Eye Dam. 1; Skin Corr. 1A; Acute Tox. (inhl) 4; Acute Tox. 4 (oral)
Sodium sulfate CAS#7757-82-6	*15 - 40%	LD50 Oral (rat): >10000 mg/kg LD50 Dermal (rat): 4000 mg/kg	Does not meet hazard criteria.
*Withheld as a trade secret.			

SECTION 4. FIRST-AID MEASURES

4.1 Description of first aid measures

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if you feel unwell. Give artificial respiration if person is not breathing. Do not use mouth-to-mouth method if person ingested or inhaled the product.

IF ON SKIN: Flush skin with running water for at least 20 minutes. If irritation occurs, obtain medical attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 20 minutes. If eye irritation persists, obtain medical attention.

IF SWALLOWED: Call a POISON CENTER or obtain medical attention if you feel unwell.

4.2 Most Important Symptoms and Effects (Acute or Delayed)

Causes eye and skin irritation. Symptoms may include itching, pain, tearing, and redness. May cause respiratory irritation. Harmful if inhaled. Symptoms may include cough, sore throat, shortness of breath, chest discomfort, wheezing, and laboured breathing. Over-exposure may cause pulmonary edema. Symptoms may be delayed.

4.3 Immediate Medical Attention and Special Treatment: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRE: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media: None known.

5.2 Specific hazards arising from the product

Fire and Explosion Hazards: May burn, but does not ignite readily.

Hazardous Combustion Products: Chlorine and chlorinated gases, oxides of sulphur, oxides of carbon, oxides of nitrogen.

5.3 Advice for Firefighters - Special Protective Equipment and Precautions

Fire-fighters should wear full protective gear with self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Before attempting clean-up, refer to Section 8 personal protection. Contact emergency services and supplier for advice. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment.

Emergency Procedures: Evacuate unprotected and untrained personnel from the area. The spill should be handled by qualified personnel only. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away. Ventilate closed spaces before entering.

6.2 Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Sweep up with non-combustible absorbent material and clean up the area. Place waste materials into a closed container suitable for disposal.

LARGE SPILLS: Cover drains and build dikes far ahead of the spill to prevent entry into sewer systems or bodies of water. Dike wash water for proper disposal. Refer to Section 13 for disposal considerations.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not breathe dust, fume, mist, vapors or spray. Do not get in eyes, or on skin, or clothing. Do not eat, drink, or smoke in work areas. Use only in a well-ventilated area. Do not mix with other chemicals. Maintain good industrial hygiene practices. Take off contaminated clothing and wash it before reuse.

Incompatible materials: Do not mix with other products such as toilet bowl cleaners, rust removers, acids (including vinegar), and products containing ammonia.

7.2 Conditions for safe storage

Store locked up in a cool, dry, well-ventilated area away from incompatible materials. Keep container tightly closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits:

Exposure limits for chlorine

OSHA Permissible Exposure Limit - Table Z1 Ceiling: 1 ppm (3 mg/m³)

NIOSH Recommended Exposure Limit - 15 Min Ceiling: 0.5 ppm (1.45 mg/m³)

8.2 Exposure controls

Appropriate Engineering Measures/Controls:

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Individual protection measures/Personal protective equipment (PPE):

Pictograms:



Respiratory protection:

Use only in a well ventilated area. Avoid breathing dust, fume, mist, vapors or spray. Wear appropriate respiratory protection if ventilation is not adequate or in emergency situations where airborne concentrations are unknown.

Hand protection:

Wear butyl or neoprene rubber gloves (thickness >0.3 mm).

Eye and Face protection:

Wear splash goggles or safety glasses.

Skin and body protection:

Wear clothing that will cover your skin in the case of a spill, including coveralls or a long-sleeved shirt, pants, socks, and closed-toed shoes. Protective chemical aprons will provide more protection.

Hygiene measures:

Remove and wash contaminated clothing before reuse.

Environmental Exposure Controls:

Controls should be engineered to prevent release to the environment, including procedures to prevent spills and release to waterways. Follow best practices guidelines for site management and disposal of waste.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical Properties

Material Description

Physical Form:	Solid	Appearance:	Granular
Color:	White	Odor:	Faint chlorine
Odor Threshold:	Not available	Particulate Type:	Not applicable
Particulate Size:	Not applicable	Aerosol Type:	Not applicable

General Properties

Boiling Point:	Not available	Melting Point:	Not available
Decomposition Temperature:	Not available	Heat of Decomposition:	Not available
pH:	10.44	Specific Gravity/Relative Density:	Not available
Density:	1.3 g/cm ³ or 82 lb/ft ³	Bulk Density:	Not available
Solubility in Water:	Soluble	Solvent Solubility:	Not available
Viscosity:	Not applicable	Explosive Properties:	Not explosive
Oxidizing Properties:	Not an oxidizer	Octanol/Water Partition Coefficient:	Not available

Volatility

Vapor Pressure:	Not available	Vapor Density:	Not available
Evaporation Rate:	Not available	VOC (Wt.):	Not available
VOC (Vol.):	Not available	Volatiles (Wt.)/Volatiles (Vol.):	Not available

Flammability

Flash Point:	Not applicable	Flammability Limits (UEL/LEL):	Not applicable
Self-Accelerating Decomposition Temperature (SADT):	Not applicable	Auto-ignition Temperature:	Not applicable
		Heat of Combustion (ΔH _c):	Not available
Burning Time:	Not applicable	Flame Height:	Not applicable
Flame Extension:	Not applicable	Ignition Distance:	Not applicable
Flame Duration:	Not applicable	Flammability (solid, gas):	Not flammable

9.2 Other Information: HPR/WHMIS 2015 - Part 7 Physical Hazards - Classification criteria not met.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability:** Stable under normal temperatures and pressures.
- 10.3 Possibility of hazardous reactions:** Hazardous polymerization will not occur.
- 10.4 Conditions to avoid:** Excess heat. Incompatible materials.
- 10.5 Incompatible materials:** Strong acids and ammonia. Do not mix with toilet bowl cleaners, rust removers, acids (including vinegar), and products containing ammonia
- 10.6 Hazardous decomposition products:** Chlorine and chlorinated gases evolve only in extreme heat (fire); oxides of sulphur, oxides of carbon, oxides of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Information on the likely routes of exposure

Immediate Health Effects

- Eyes:** Causes serious eye irritation. Symptoms may include pain, tearing, and redness.
- Skin:** Causes skin irritation. Symptoms may include localized redness, itching, and pain.
- Inhalation:** Harmful if inhaled. May cause respiratory tract irritation. Symptoms may be delayed. Symptoms may include coughing, sore throat, shortness of breath, chest discomfort, wheezing and laboured breathing. Over-exposure may cause pulmonary edema.
- Ingestion:** May be harmful if swallowed. Symptoms may include gastrointestinal distress with pain, nausea, vomiting, or diarrhea.

ACUTE TOXICITY DATA			
Component Name	Inhalation Exposure	Dermal Exposure	Oral Exposure
Proprietary Sodium Salts (25% - 55%)	Not available	LD50-rabbit: >4640 mg/kg Skin-rabbit 500 mg/24 h: MOD irritation	LD50-rat: 3120 mg/kg
Proprietary Sodium Salts (5% - 20%)	LC50 (rat 2 h): 2300 mg/m ³ equal to 1150 mg/m ³ (4 h)	Eye-rabbit 100 mg/30 s rinse: MLD irritation	Not available
Sodium Dichloro-S-Triazinetrione Dihydrate (2.4%)	LC50 (rat 4 h): <1637 mg/m ³	LD50-rabbit: >2000 mg/kg Corrosive to eyes and skin.	LD50-rat: 735 mg/kg
(Chlorine available when added to water) (1.34%)	LC50 (mouse 1 h): 137 ppm LC50 (rat 1 h): 293 ppm TCLo (human 1 h): 66 ppm	Corrosive to eyes and skin.	Not available
Sodium sulfate (<36%)	Not available	LD50-rat: 4000 mg/kg	LD50-rat: >10000 mg/kg
ACUTE TOXICITY ESTIMATES (ATE) FOR THE PRODUCT	LC50: ~1500 mg/m ³ (1.5 mg/L)	LD50: ~3470 mg/kg	LD50: ~3000 mg/kg

Delayed Health Effects:

Skin Sensitization:	Insufficient data available.
Respiratory Sensitization:	Insufficient data available.
Germ Cell Mutagenicity:	Insufficient data available.
Teratogenicity:	Insufficient data available.
Reproductive Effects:	Insufficient data available.
Carcinogenicity:	Insufficient data available.
Toxicologically Synergistic Materials:	Not available.

GHS Health Hazards	Classification
Acute toxicity	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Acute Inhalation Toxicity Category 4
Aspiration Hazard	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Carcinogenicity	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Germ Cell Mutagenicity	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Skin corrosion or Irritation	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Skin Irritation Category 2
Serious eye damage or Irritation	EU/CLP Eye Irritation Category 2 OSHA HCS 2012 Eye Irritation Category 2 HPR/WHMIS 2015 Eye Irritation Category 2A
Skin sensitization	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Respiratory sensitization	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Specific Target Organ Toxicity Repeated Exposure (STOT-RE)	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.
Specific Target Organ Toxicity Single Exposure (STOT-SE)	EU/CLP STOT-SE Category 3: Respiratory Tract Irritation OSHA HCS 2012 STOT-SE Category 3: Respiratory Tract Irritation HPR/WHMIS 2015 STOT-SE Category 3: Respiratory Tract Irritation
Toxicity for Reproduction	EU/CLP Classification criteria not met. OSHA HCS 2012 Classification criteria not met. HPR/WHMIS 2015 Classification criteria not met.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	Not available.
12.2 Persistence and degradability	Not available.
12.3 Bioaccumulative potential	Not available.
12.4 Mobility in Soil	Not available.
12.5 Results of PBT and vPvB assessment	Not available.
12.6 Other adverse effects	Not available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste disposal methods

Product waste: Dispose of product in accordance with local, regional, national, or international regulations.

Packaging waste: Dispose of packaging in accordance with local, regional, national, or international regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT/TDG/IMO/IMDG/IATA/ICAO Not Regulated

14.1 UN number	Not available
14.2 UN proper shipping name	Not available
14.3 Transport hazard class(es)	Not available
14.4 Packing group	Not available
14.5 Environmental hazards	Not available
14.6 Special precautions	None known
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the product

SARA Hazard Categories: Acute

State - Right To Know				
Component	CAS#	MA	NJ	PA
Sodium Salts	Proprietary	Yes	No	Yes
Sodium Salts	Proprietary	No	No	No
Sodium sulfate	7757-82-6	Yes	No	Yes
Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	Yes	No	Yes

International Chemical Inventories				
	Sodium Salts Proprietary	Sodium Salts Proprietary	Sodium sulfate CAS# 7757-82-6	Sodium Dichloro-S-Triazinetrione Dihydrate CAS# 51580-86-0
Canada DSL	Yes	Yes	Yes	No
Canada NDSL	No	No	No	No
China	Yes	Yes	Yes	Yes
EU EINECS	Yes	Yes	Yes	No
EU ELINCS	No	No	No	No
Japan ENCS	Yes	Yes	Yes	Yes
Korea KECL	Yes	Yes	Yes	No
TSCA	Yes	Yes	Yes	No

AUSTRALIA

Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

Australia - High Volume Industrial Chemicals List

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	
• Sodium sulfate	CAS# 7757-82-6	< 36%	

Australia - List of Designated Hazardous Substances - Classification

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Xn, Xi, N R22, R31, R36/37 R50, R53
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Xi R36
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

Australia - National Pollutant Inventory (NPI) Substance List

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

Australia - Ozone Protection Act - Scheduled Substances

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

Australia - Priority Existing Chemical Program

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

EUROPE

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Xn; R22 R31 Xi; R36/37 N; R50-53
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Xi R36
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Xn N R:22-31-36/37-50/53 S:(2)-8-26-41-60-61
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Xi R:36 S:(2)-22-26
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	S:(2)-8-26-41-60-61
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	S:(2)-22-26
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

MEXICO

Mexico - Hazard Classifications

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

Mexico - Regulated Substances

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

UNITED STATES

US - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - OSHA - Specifically Regulated Chemicals

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Section 313 - Emission Reporting

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Aqueous Ammonia

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Certain Glycol Ethers

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Chlorophenols

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Dioxins and Dioxin-like Compounds

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Ethylenebisdithiocarbamic Acid, Salts and Esters

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Lead and Lead Compounds

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Nicotine and Salts

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Nitrate Compounds

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Pesticides and Other PBTs

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Polychlorinated Alkanes

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Polycyclic Aromatic Compounds

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Strychnine and Salts

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - EPA - Designated Generic Categories - Warfarin and Salts

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - F Series Wastes - Wastes from Nonspecific Sources

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - Hazardous Constituents - Appendix VIII to 40 CFR 261

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - K Series Wastes - Wastes from Specified Sources

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - P Series Wastes - Acutely Toxic Wastes

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - Part 268 Appendix III - Halogenated Organic Compounds (HOCs)

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - Phase 4 LDR Rule - Universal Treatment Standards

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - RCRA (Resource Conservation & Recovery Act) - Waste Minimization Priority Chemicals

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

UNITED STATES - CALIFORNIA

US - California - Proposition 65 - Carcinogens List

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - California - Proposition 65 - Developmental Toxicity

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - California - Proposition 65 - Reproductive Toxicity - Female

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

US - California - Proposition 65 - Reproductive Toxicity - Male

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

UNITED STATES - PENNSYLVANIA

US - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	(solution)

US - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

UNITED STATES - RHODE ISLAND

US - Rhode Island - Hazardous Substance List

• Sodium Dichloro-S-Triazinetrione Dihydrate	CAS#51580-86-0	2.4%	Flammable
• Proprietary Sodium Salts	CAS# Proprietary	25% - 55%	Not Listed
• Proprietary Sodium Salts	CAS# Proprietary	5% - 20%	Not Listed
• Sodium sulfate	CAS# 7757-82-6	< 36%	Not Listed

15.2 Chemical Safety Assessment No Chemical Safety Assessment has been carried out under REACH.

SECTION 16. OTHER INFORMATION

Relevant Phrases (code & full text)

R31 - Contact with acids liberates toxic gas.
R22 - Harmful if swallowed.
R36/37 - Irritating to eyes and respiratory system.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R36 - Irritating to eyes.
R53 - May cause long-term adverse effects in the aquatic environment.
R50 - Very toxic to aquatic organisms.

Date of preparation: 24 Oct 2012
Date of first revision: 4 Jun 2015
Date of latest revision: 20 Apr 2020

Disclaimer/Statement of Liability

No warranty, representation or guarantee is made as to the accuracy, sufficiency or completeness of the material set forth herein that is based on information available at the time of writing and obtained from recognized technical sources. It is the user's responsibility to determine the safety, toxicity and suitability of use, handling and disposal of this product. As conditions of actual product use are beyond control of the supplier, no warranty, expressed or implied is made as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor is any liability assumed arising out of the use of this product. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Blending this product with any other chemical is not recommended.