List N: Disinfectants for Use Against SARS-CoV-2 (COVID-19)
Date Accessed: 10/25/2020

EPA Registration Number	Active Ingredient(s)	Product Name	Company	Contact Time (in minutes)	Formulation Type	Surface Types	Use Sites	Why is this product on List N?	To kill SARS-CoV-2 (COVID-19), follow disinfection directions for the following pathogen(s)	Date Added to List N
70060-19	Sodium chlorite; Sodium dichloroisocyanurate dihydrate	Aseptrol S10-Tab	BASF Corporation	10	Solid	Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)	Healthcare; Institutional	Kills a harder-to-kill pathogen than SARS-CoV-2 (COVID-19); Emerging viral pathogen claim	Poliovirus Type 1	03/26/2020

Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **Sani Station Sanitizer & Cleaner**

Synonyms • Sanitizer and Cleaner

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

Relevant identified use(s) • For cleaning and sanitizing commercial food service equipment.

1.3 Details of the supplier of the safety data sheet

Manufacturer • Dr. John's Labs LLC
370 King Street
Jackson, WY 83001

Telephone (General) •

1.4 Emergency telephone number

ChemTrec (24 hour) • (800) 424-9300

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 substance or 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/Disposal • P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

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

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Eye Irritation 2 - H319
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

2.2 Label elements

OSHA HCS 2012

WARNING

Hazard statements • Causes serious eye irritation - H319
May cause respiratory irritation - H335

Precautionary statements

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

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

Storage/Disposal • Store in a well-ventilated place. Keep container tightly closed. - P403+P233
Store locked up. - P405
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2B

2.2 Label elements

WHMIS

- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

NFPA

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Hazardous Components					
Chemical Name	**Identifiers**	**%(weight)**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Proprietary	*Proprietary*	25% TO 55%	Ingestion/Oral-Rat LD50 • 3120 mg/kg Skin-Rabbit LD50 • >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.	NDA
Proprietary	*Proprietary*	5% TO 20%	Inhalation-Rat LC50 • 2300 mg/m³ 2 Hour(s)	**EU DSD/DPD:** Annex I - Xi; R36 **EU CLP:** Annex VI - Eye Irrit. 2, H319 **OSHA HCS 2012:** Eye Irrit. 2A; Skin Irrit. 2;	NDA

				STOT SE 3 - Resp. Irrit.	
Sodium Dichloro-S-Triazinetrione Dihydrate	**CAS:**51580-86-0 **EC Number:**220-767-7	2.4%	NDA	**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)	NDA

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention if symptoms occur.

Skin
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
- Do not use mouth-to-mouth method if victim ingested the substance. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media
- LARGE FIRE: Water spray, fog or regular foam.
  SMALL FIRES: Dry chemical, CO_2, water spray or regular foam.

Unsuitable Extinguishing Media
- None known.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Some of these materials may burn, but none ignite readily.

Hazardous Combustion Products
- None known.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

Emergency Procedures
- 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

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Stop leak if you can do it without risk.
  SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
  LARGE SPILLS: Dike far ahead of spill for later disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling
- Use good safety and industrial hygiene practices. Do not breathe (dust, vapor or spray mist) Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage
- Store in a well-ventilated place. Keep container tightly closed. Store locked up.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

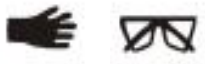
8.1 Control parameters

Exposure Limits/Guidelines
- There are no applicable exposure limits available for the ingredients or material.

8.2 Exposure controls

Engineering Measures/Controls
- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Pictograms
- 

Respiratory
- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face
- Wear safety glasses.

Skin/Body
- Wear appropriate gloves.

Environmental Exposure Controls
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice 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/Description	White granular solid with very faint chlorine odor.
Color	White	Odor	Very faint chlorine odor.
Taste	Data lacking	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	Not relevant	Melting Point	Not relevant
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	10.44	Specific Gravity/Relative Density	Data lacking
Density	82 lb(s)/ft³	Bulk Density	Data lacking
Water Solubility	Not relevant	Solvent Solubility	Data lacking
Viscosity	Not relevant	Explosive Properties	Not explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Data lacking
Evaporation Rate	Data lacking	VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking	Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking		
Flammability			
Flash Point	Not relevant	UEL	Data lacking
LEL	Data lacking	Autoignition	Not relevant
Self-Accelerating Decomposition Temperature (SADT)	Not relevant	Heat of Combustion (ΔHc)	Not relevant
Burning Time	Not relevant	Flame Height	Not relevant
Flame Extension	Not relevant	Ignition Distance	Not relevant
Flame Duration	Not relevant	Flammability (solid, gas)	Not flammable.
Environmental			
Half-Life	Data lacking	Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking	Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking	Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking	Persistence	Data lacking
Degradation	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

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.

10.6 Hazardous decomposition products

- Chlorine and chlorinated gases evolve only in environment of extreme heat (fire).

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Component Name	CAS	Data
Sodium Salts (25% TO 55%)	*Proprietary*	**Acute Toxicity:** orl-rat LD50:3120 mg/kg; **Irritation:** skn-rbt 500 mg/24H MOD
Sodium Salts (5% TO 20%)	*Proprietary*	**Acute Toxicity:** ihl-rat LC50:2300 mg/m3/2H; **Irritation:** eye-rbt 100 mg/30S rinse MLD

GHS Properties	Classification
Acute toxicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Aspiration Hazard	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Carcinogenicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Germ Cell Mutagenicity	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Skin corrosion/Irritation	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Skin sensitization	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
STOT-RE	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
STOT-SE	**EU/CLP** • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation **OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Respiratory sensitization	**EU/CLP** • Classification criteria not met **OSHA HCS 2012** • Classification criteria not met
Serious eye damage/Irritation	**EU/CLP** • Eye Irritation 2 **OSHA HCS 2012** • Eye Irritation 2

Route(s) of entry/exposure

- Eye

Potential Health Effects

Inhalation

Acute (Immediate)	• May cause respiratory irritation.
Chronic (Delayed)	• No data available.

Skin

Acute (Immediate)	• Prolonged skin contact may cause irritation and dryness.
Chronic (Delayed)	• No data available.

Eye

Acute (Immediate)	• Causes serious eye irritation.
Chronic (Delayed)	• No data available.

Ingestion

Acute (Immediate)	• May cause irritation if swallowed.
Chronic (Delayed)	• No data available.

Section 12 - Ecological Information

12.1 Toxicity

• Material data lacking.

12.2 Persistence and degradability

• Material data lacking.

12.3 Bioaccumulative potential

• Material data lacking.

12.4 Mobility in Soil

• Material data lacking.

12.5 Results of PBT and vPvB assessment

• No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

• No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste	• Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste	• Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user
- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- 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

Inventory						
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**China**	**EU EINECS**	**EU ELNICS**
Sodium Salts	*Proprietary*	Yes	No	Yes	Yes	No
Sodium Salts	*Proprietary*	Yes	No	Yes	Yes	No
Sodium sulfate	7757-82-6	Yes	No	Yes	Yes	No
Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	No	No	Yes	No	No

Inventory (Con't.)				
Component	**CAS**	**Japan ENCS**	**Korea KECL**	**TSCA**
Sodium Salts	*Proprietary*	Yes	Yes	Yes
Sodium Salts	*Proprietary*	Yes	Yes	Yes
Sodium sulfate	7757-82-6	Yes	Yes	Yes
Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	Yes	No	No

Australia

Labor

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

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

Australia - High Volume Industrial Chemicals List

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

Australia - List of Designated Hazardous Substances - Classification

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

Environment

Australia - National Pollutant Inventory (NPI) Substance List

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

Australia - Ozone Protection Act - Scheduled Substances

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

Australia - Priority Existing Chemical Program

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

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	2.4%	C, D1B, D2B
• Sodium Salts	*Proprietary*	25% TO 55%	Not Listed
• Sodium sulfate	7757-82-6	< 36%	Uncontrolled product according to WHMIS classification criteria
• Sodium Salts	*Proprietary*	5% TO 20%	D2B, E

Canada - WHMIS - Ingredient Disclosure List

• Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	2.4%	Not Listed
• Sodium Salts	*Proprietary*	25% TO 55%	Not Listed
• Sodium sulfate	7757-82-6	< 36%	Not Listed
• Sodium Salts	Proprietary	5% TO 20%	1 %

Environment

Canada - CEPA - Priority Substances List

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

Europe

Other

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

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

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

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

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

• Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	2.4%	Xn N R:22-31-36/37-50/53 S:(2)-8-26-41-60-61
• Sodium Salts	*Proprietary*	25% TO 55%	Not Listed

• Sodium sulfate	7757-82-6	< 36%	Not Listed
• Sodium Salts	*Proprietary*	5% TO 20%	Xi R:36 S:(2)-22-26

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

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

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

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

Mexico

Other

Mexico - Hazard Classifications

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

Mexico - Regulated Substances

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

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

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

U.S. - OSHA - Specifically Regulated Chemicals

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

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

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

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

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

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

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

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

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

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

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

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	2.4%	Not Listed

• Sodium Salts	*Proprietary*	25% TO 55%	Not Listed
• Sodium sulfate	7757-82-6	< 36%	Not Listed
• Sodium Salts	*Proprietary*	5% TO 20%	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

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

U.S. - EPA - Designated Generic Categories - Aqueous Ammonia

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

U.S. - EPA - Designated Generic Categories - Certain Glycol Ethers

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

U.S. - EPA - Designated Generic Categories - Chlorophenols

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

U.S. - EPA - Designated Generic Categories - Dioxins and Dioxin-like Compounds

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

U.S. - EPA - Designated Generic Categories - Ethylenebisdithiocarbamic Acid, Salts and Esters

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

U.S. - EPA - Designated Generic Categories - Lead and Lead Compounds

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

U.S. - EPA - Designated Generic Categories - Nicotine and Salts

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

U.S. - EPA - Designated Generic Categories - Nitrate Compounds

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

U.S. - EPA - Designated Generic Categories - Pesticides and Other PBTs

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

U.S. - EPA - Designated Generic Categories - Polychlorinated Alkanes

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

U.S. - EPA - Designated Generic Categories - Polycyclic Aromatic Compounds

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

U.S. - EPA - Designated Generic Categories - Strychnine and Salts

• Sodium Dichloro-S-Triazinetrione Dihydrate	51580-86-0	2.4%	Not Listed

• Sodium Salts	*Proprietary*	25% TO 55%	Not Listed
• Sodium sulfate	7757-82-6	< 36%	Not Listed
• Sodium Salts	*Proprietary*	5% TO 20%	Not Listed

U.S. - EPA - Designated Generic Categories - Warfarin and Salts

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

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

U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic

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

U.S. - RCRA (Resource Conservation & Recovery Act) - F Series Wastes - Wastes from Nonspecific Sources

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

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

U.S. - RCRA (Resource Conservation & Recovery Act) - K Series Wastes - Wastes from Specified Sources

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

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

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

U.S. - RCRA (Resource Conservation & Recovery Act) - P Series Wastes - Acutely Toxic Wastes

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Part 268 Appendix III - Halogenated Organic Compounds (HOCs)

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

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

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

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

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

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

U.S. - RCRA (Resource Conservation & Recovery Act) - Waste Minimization Priority Chemicals

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

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

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

U.S. - California - Proposition 65 - Developmental Toxicity

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

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

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

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

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

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

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

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

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

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

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

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

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

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

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

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

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.

Last Revision Date

- 04/June/2015

Preparation Date

- 24/October/2012

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Key to abbreviations

NDA = No Data Available