

## **Conserv Solid Green 81**

### **SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	Conserv Solid Green 81
<b>Other Means of Identification</b>	7927
<b>Other Identification</b>	UN3260
<b>Recommended Use</b>	Laundry Neutralizer and Softener.
<b>Restrictions on Use</b>	No information available.
<b>Manufacturer/Supplier Identifier</b>	Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144
<b>Emergency Phone No.</b>	Emergency Telephone Number, 1-866-303-6943
<b>SDS No.</b>	0004

### **SECTION 2. HAZARD IDENTIFICATION**

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

#### **Classification**

Acute toxicity (Oral) - Category 4; Skin corrosion - Category 1B; Serious eye damage - Category 1

#### **Label Elements**



Signal Word:  
Danger

#### **Hazard Statement(s):**

Harmful if swallowed or in contact with skin.  
Causes severe skin burns and eye damage.

#### **Precautionary Statement(s):**

Prevention:  
Wear protective gloves, protective clothing, eye protection, face protection.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Do not eat, drink or smoke when using this product.  
Wash hands and skin thoroughly after handling.

#### **General Advice**

IF exposed or concerned: Get medical attention/advice

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTRE or doctor if you feel unwell.

Skin

IF ON SKIN: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation occurs: Get medical advice/attention.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage:

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

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards**

Not applicable.

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PRODUCT AT USE DILUTION

Acute toxicity (Oral) - Category 4. Skin corrosion - Category 2; Serious eye damage - Category 2

Signal Word    Warning

Hazard Statements

Wash hands and skin thoroughly after handling.  
Wear protective gloves / protective clothing / eye protection / face protection

Precautionary Statement(s):

Prevention:  
Wash hands and skin thoroughly after handling.  
Wear protective gloves / protective clothing / eye protection / face protection

General Response:

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.  
IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.  
IF SWALLOWED: Rinse mouth, sip a glass of water if able to do so. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.

Storage:

Store in accordance with local regulations.  
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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Di(hydrogenated tallow) dimethyl ammonium chloride	61789-80-8	50-75		
Mixed Ethoxylated Alcohol	proprietary	10-15		
SULFAMIC ACID	5329-14-6	5-15		
Ammonium bifluoride	1341-49-7	3-7		
Alcohols,c12-15, ethoxylated	68131-39-5	1-5		
White mineral Oil	8042-47-5	1-5		
Quaternary ammonium compounds, cocoalkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791-10-4	1-5		
Fragrance.	proprietary	0-0.1		
Anti-foaming Agent	proprietary.	0-0.1		
Benzenesulfonic acid, 2,2'-(4,4'-biphenylylene)divinylene)di-, disodium salt	27344-41-8	0-0.1		
Acid Blue 25	6408-78-2	0-0.001		

#### Notes

PRODUCT AT USE DILUTION

Contains ingredients listed above at weight % less than 0.025%

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If symptoms persist, call a physician.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Seek immediate medical attention/advice.

##### Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

##### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

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PRODUCT AT USE DILUTION

EYE CONTACT:

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.

SKIN CONTACT:

Wash off immediately with plenty of water for at least 15 minutes. Use mild soap if available. Get medical attention if irritation develops and persists.

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Get medical attention if symptoms occur.

**INGESTION:**

Rinse mouth. Get medical attention if symptoms occur.

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**Most Important Symptoms and Effects, Acute and Delayed**

None known.

**Immediate Medical Attention and Special Treatment**

**Special Instructions**

Treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Product**

Not sensitive to static discharge.

Not sensitive to mechanical impact.

**Special Protective Equipment and Precautions for Fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become slippery.

**Environmental Precautions**

Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant.

**Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product.

Collect and reuse if possible. Following product recovery, flush area with water.

**Other Information**

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**PRODUCT AT USE DILUTION**

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Ensure adequate ventilation. Use personal protective equipment. Solution can cause surfaces to become slippery

Environmental precautions:

Avoid release to the environment. Rinse or mop up use solutions. Solutions may be flushed down sanitary sewer drains.

Methods and materials for containment and cleaning up:

Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a

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waterway.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product, or its use solutions.

### Conditions for Safe Storage

Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ammonium bifluoride	2.5 mg/m <sup>3</sup>		2.5 mg/m <sup>3</sup>			

### Appropriate Engineering Controls

Provide eyewash in work area, if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Rubber or vinyl gloves recommended when handling solid chemicals or their use solutions.

#### Respiratory Protection

Not normally required if product is used as directed. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Blue.
Odour	Pleasant, Downey
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	49 °C (120 °F) (melting); Not applicable (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not applicable
Auto-ignition Temperature	Not applicable

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<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable (kinematic); Not applicable (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Use Dilution</b>	Use dilution pH is 4.0- 7.0 pH
<b>VOC Content</b>	VOC Content (%) = 0%

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

None known.

### Incompatible Materials

Chlorine-based bleaching agents.

### Hazardous Decomposition Products

Chlorine gas.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Eye contact; skin contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ammonium bifluoride		60-130 mg/kg (rat)	Not available
SULFAMIC ACID	Not available	3160 mg/kg (rat)	Not available
Alcohols,c12-15, ethoxylated	Not available	1830 mg/kg (rat)	2480 mg/kg (rabbit)
Anti-foaming Agent	Not applicable	Not applicable	Not applicable

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

Skin contact with corrosive substances can cause skin burns.

### Serious Eye Damage/Irritation

Eye contact with corrosive substances can cause eye burns.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause irritation of respiratory tract.

#### Ingestion

Harmful if swallowed. Can burn mouth, throat, and stomach.

### Aspiration Hazard

No information was located.

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**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information available.

**Respiratory and/or Skin Sensitization**

No information available.

**Carcinogenicity**

Not a carcinogen.

**Reproductive Toxicity****Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

Not mutagenic.

**Interactive Effects**

No information was located.

**Other Information**-----  
**PRODUCT AT USE DILUTION**

Inhalation: May cause irritation of respiratory tract.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

  
-----**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful, with long lasting effects to aquatic life, based on acute toxicity tests.

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Ammonium bifluoride	51 mg/L (96-hour)	Not available	Not available	Not available
SULFAMIC ACID	70.3 mg/L (Pimephales promelas (fathead minnow); 96-hour)	Not available	Not available	Not available
Di(hydrogenated tallow) dimethyl ammonium chloride	1.33 mg/L (96-hour)	.35 mg/L (Daphnia magna (water flea); 48-hour)	Not available	Not available
Anti-foaming Agent	Not applicable	Not applicable	Not applicable	Not applicable

**Persistence and Degradability**

No information available.

**Bioaccumulative Potential**

No information available.

**Mobility in Soil**

Studies are not available.

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## Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	UN3260	Corrosive solid, acidic, inorganic, n.o.s. (Ammonium bifluoride, Sulfamic acid)	8	II

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

**Emergency Response Guide No.** 154

**Other Information** When in certain pack sizes, This product meets the exception requirements as a limited quantity and may be shipped as a limited quantity.

Section 173.154: Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66 pounds) gross weight. Except for transportation by aircraft, the following combination packagings are authorized:

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 pounds) net capacity each for solids, packed in a strong outer packaging.

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

#### Additional USA Regulatory Lists

SARA Title III - Section 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Ammonium bifluoride	1341-49-7	3-7	1.0

SARA Title III - Section 311/312:

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Acute Health Hazard	Yes	
Chronic Health Hazard	No	
Fire Hazard	No	
Sudden Release of Pressure Hazard		No
Reactive Hazard		No

California Proposition 65  
This product contains no Proposition 65 chemicals.

U.S. EPA Label Information  
EPA Registration Number : Not applicable.

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CWA - Hazardous Substances :. (Ammonium bifluoride)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Hazardous Substances RQs:

Ammonium bifluoride 100 lb final RQ/ RQ 45.4 kg final RQ

**U.S. State Right-to-Know Regulations**

New Jersey Right To Know: (Ammonium bifluoride)

Massachusetts Right To Know: (Ammonium bifluoride)

Pennsylvania Right To Know: (Ammonium bifluoride)

**SECTION 16. OTHER INFORMATION**

**NFPA Rating**            **Health - 3**    **Flammability - 0**    **Instability - 1**

**SDS Prepared By**    Sunburst Chemicals.

**Phone No.**            952-884-3144

**Date of Last Revision** February 10, 2021

**Additional Information** -----

PRODUCT AT USE DILUTION

NFPA Rating Health – 1    Flammability - 0    Instability – 0

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