

Solid Green 67

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier | Solid Green 67 |
| Other Means of Identification | 7858 |
| Recommended Use | Solid Laundry Bleach with Colour Safe Bleach. |
| Restrictions on Use | No information available. |
| Manufacturer/Supplier Identifier | Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144 |
| Emergency Phone No. | Emergency Telephone Number, 1-866-303-6943 |
| SDS No. | 0004 |

SECTION 2. HAZARD IDENTIFICATION

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

Classification

Oxidizing solid - Category 3; Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):
Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
May intensify fire; oxidizer.

Precautionary Statement(s):

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

General Advice

IF exposed or concerned: Get medical attention/advice

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Eyes

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

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: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTRE or doctor if you feel unwell.

Ingestion

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

Storage:

Store locked up.

Disposal:

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

Other Hazards

Not applicable.

PRODUCT AT USE DILUTION

Classification Category of Use Dilution:

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

Signal Word Warning

Hazard Statements

Harmful if swallowed
Causes skin and serious eye irritation

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 |
|--|-------------|---------|-------------------|-------------|
| Polyethylene Glycol | 25322-68-3 | 20-30 | | |
| Sodium Percarbonate | 15630-89-4 | 18-26 | | |
| Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts | 68411-30-3 | 8-16 | | |
| Sodium Metasilicate | 6834-92-0 | 6-14 | | |
| Alcohols, C14-15, ethoxylated | 68951-67-7 | 6-14 | | |
| Tetraacetylenediamine | 10543-57-4 | 8-10.5 | | |
| Alanine, N,N-bis(carboxymethyl)-, trisodium salt | 164462-16-2 | 2-10 | | |
| 2-propenoic acid, homopolymer, sodium salt | 9003-04-7 | 1-5 | | |
| Subtilisins (proteolytic enzymes) | 9014-01-1 | 1-3 | | |
| C.I. Fluorescent Brightener 220 | 16470-24-9 | 0.1-1.0 | | |
| Antifoaming Agent | proprietary | 0-0.1 | | |

Notes

PRODUCT AT USE DILUTION

Contains ingredients listed above at weight % less than 0.5%

PRODUCT AT USE DILUTION

No hazardous ingredients at dilution level.

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. 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.

PRODUCT AT USE DILUTION

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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INHALATION:

Get medical attention if symptoms occur.

INGESTION:

Rinse mouth. Get medical attention if symptoms occur.

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 2). 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

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 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.

PRODUCT AT USE DILUTION

Avoid contact with skin and eyes. Wash hands thoroughly after handling.

Conditions for Safe Storage:

Keep out of reach of children. Store in suitable labeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A5 = Not suspected as a human carcinogen.

Appropriate Engineering Controls

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

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Rubber or vinyl gloves recommended when handling solid chemicals.

Respiratory Protection

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 | White. |
| Odour | Pleasant |
| Odour Threshold | Not available |
| pH | Not applicable |
| Melting Point/Freezing Point | 54 - 60 °C (129 - 140 °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 |

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| | |
|---|--|
| 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 |
| Decomposition Temperature | Not available |
| Viscosity | Not applicable (kinematic); Not applicable (dynamic) |
| Other Information | |
| Physical State | Solid |
| Use Dilution | Use dilution pH is 10.0 - 11.0pH |
| VOC Content | VOC Content (%) = 0% |

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Oxidizer.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact.

Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|--|----------------|------------------|---------------------|
| Sodium Metasilicate | Not available | 1280 mg/kg (rat) | Not available |
| Alcohols, C14-15, ethoxylated | Not available | 1000 mg/kg (rat) | > 2000 mg/kg (rat) |
| Sodium Percarbonate | Not available | 2400 mg/kg (rat) | 2480 mg/kg (rabbit) |
| Tetraacetylenediamine | Not available | 2000 mg/kg (rat) | Not available |
| Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts | Not available | 1020 mg/kg (rat) | Not available |
| Antifoaming 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

Causes skin irritation.

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Serious Eye Damage/Irritation

Causes serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure**Inhalation**

May cause irritation of respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Ingestion

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

Aspiration Hazard

No information was located.

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: Causes 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 |
|-------------------------------|--|---|----------------------|---------------------|
| Sodium Metasilicate | 2320 mg/L (96-hour; static) | 247 mg/L (Daphnia magna (water flea); 48-hour) | Not available | Not available |
| Alcohols, C14-15, ethoxylated | 0.9 mg/L (Oncorhynchus mykiss (rainbow | 0.25 mg/L (Daphnia magna (water flea); 48-hour) | Not available | 0.95 mg/L (96-hour) |

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|--|--|--|----------------|--|
| | trout); 96-hour; static) | | | |
| Sodium Percarbonate | 0.088 mg/L (Lepomis macrochirus (bluegill); 96-hour) | 4.9 mg/L (Daphnia magna (water flea); 48-hour) | Not available | Not available |
| Tetraacetythylenediamine | 490 mg/L (Lepomis macrochirus (bluegill); 96-hour; static) | > 800 mg/L (Daphnia magna (water flea); 48-hour) | Not available | Not available |
| Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts | 1.67 mg/L (Lepomis macrochirus (bluegill); 96-hour) | 2.9 mg/L (Daphnia magna (water flea); 48-hour) | Not available | 29 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour) |
| 2-propenoic acid, homopolymer, sodium salt | Not available | Not available | Not available | Not available |
| Antifoaming 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.

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

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

| Regulation | UN No. | Proper Shipping Name | Transport Hazard Class(es) | Packing Group |
|------------|--------|--|----------------------------|---------------|
| US DOT | un1479 | Oxidizing solid, n.o.s. (SODIUM CARBONATE PEROXYHYDRATE) | 5.1 | 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

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.

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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 not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA Title III - Section 311/312:

| | |
|-----------------------------------|-----|
| 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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.).

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 0** **Instability - 1**

SDS Prepared By Sunburst Chemicals.

Phone No. 952-884-3144

Date of Preparation December 19, 2018

Date of Last Revision April 18, 2018

Revision Indicators Formula Update

Additional Information -----

PRODUCT AT USE DILUTION

NFPA Rating Health - 1 Flammability - 0 Instability - 0

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