



Solar Brite

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Solar Brite
SDS Number: 6449, 6450
Revision Date: 3/1/2016
Product Description: Solar Panel Cleaner
Supplier Details: Winsol Laboratories Inc
 1417 NW 51st St
 Seattle, WA 98107
Emergency: INFOTRAC 1-800-535-5053 (North America); 1-352-323-3500 (International)
Phone: 206-782-5500
Web: www.winsol.com

2 HAZARDS IDENTIFICATION
Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral
 Health, Acute toxicity, 5 Dermal

GHS Label elements, including precautionary statements
GHS Signal Word: NONE
GHS Hazard Pictograms:

no GHS pictograms indicated for this product

GHS Hazard Statements:

H303 - May be harmful if swallowed
 H313 - May be harmful in contact with skin

GHS Precautionary Statements:

P102 - Keep out of reach of children.
 P103 - Read label before use.
 P281 - Use personal protective equipment as required.
 P301 - IF SWALLOWED: May cause gastrointestinal irritation.
 P302 - IF ON SKIN: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
 P304 - IF INHALED: Not considered dangerous.
 P305 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.

3 COMPOSITION/INFORMATION ON INGREDIENTS
Ingredients:

Cas#	%	Chemical Name
68439-57-6	1-5%	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
61789-40-0	.5-1%	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts
7758-29-4	1-5%	Triphosphoric acid, pentasodium salt

The exact percentage (or concentration) of ingredients has been withheld as a trade secret.

Composition Comments: Components and trace elements not listed are either non-hazardous or are below reportable limits.



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4 FIRST AID MEASURES

Inhalation:	Not considered dangerous.
Skin Contact:	Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
Eye Contact:	Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.
Ingestion:	Swallowing may cause gastrointestinal irritation. If irritation persists consult medical personnel.

5 FIRE FIGHTING MEASURES

Flammability:	Not flammable
Flash Point:	N/A
LEL:	N/A
UEL:	N/A

EXTINGUISHING MEDIA: Water

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with a full face piece operated in a pressure demand or other positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.

LARGE SPILL: Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into labeled containers.

WASTE DISPOSAL METHOD: Review Federal, Provincial and Local Government requirements prior to disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Exercise care and caution. Store in cool dry place.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and/or solids), all hazard precautions given in the data sheet must be observed.

7 HANDLING AND STORAGE

Handling Precautions:	Keep material out of reach of children.
Storage Requirements:	Store in cool/dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	None
Personal Protective Equipment:	<p>RESPIRATORY PROTECTION: If TLV of the product or component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified condition.</p> <p>Ventilation: Provide general or mechanical ventilation or local exhaust.</p> <p>PROTECTIVE GLOVES: Use impermeable gloves to prevent skin contact. Use head caps, boots, chemical aprons when necessary.</p> <p>EYE PROTECTION: Use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.</p> <p>OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.</p> <p>WORK/HYGIENIC PRACTICES: Eyewashes and safety showers in the workplace are recommended. Wash hands after using. Monitor exposure levels.</p>



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light straw	Odor:	Mild
Physical State:	Liquid	Solubility:	100% in water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1.01	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Flammability:	None	UFL/LFL:	No data available
Partition Coefficient:	No data available		
Vapor Pressure:	No data available		
pH:	No data available		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable under normal conditions.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	N/A
Materials to Avoid:	Strong Oxidizing Agents, Acids.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Triphosphoric acid, pentasodium salt (7758-29-4) :

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 3,900 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - 4,640 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH, or OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information: RTECS: YK4570000



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Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6) : no data available

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts (61789-40-0) : no data available

12 ECOLOGICAL INFORMATION

Triphosphoric acid, pentasodium salt (7758-29-4) :

Information on ecological effects

Toxicity:

Toxicity to daphnia EC50 - Daphnia - 276.61 mg/l - 48 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6) : no data available

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts (61789-40-0) : no data available

13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Review Federal, Provincial and Local Government requirements prior to disposal.

14 TRANSPORT INFORMATION

Non-hazardous.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6) TSCA

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts (61789-40-0) TSCA

Triphosphoric acid, pentasodium salt (7758-29-4) TSCA

All ingredients for this product are listed on the TSCA inventory.

SARA Title III chemicals: None

California Prop 65 chemicals: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

CERCLA reportable quantity: None

RCRA hazardous waste no: None

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act



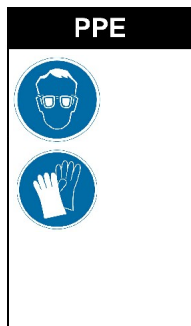
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16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



HMIS Index: 1-slight , 2-moderate, 3-serious, 4-severe

The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Winsol Laboratories, Inc. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

Sections 11 and 12 are based on composition of 100% raw materials.

ISSUE DATE: 05/18/15
REVISION DATE: 03/01/16
REVISIONS: section 9