



### Deep Clean

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Deep Clean  
**SDS Number:** 2051  
**Revision Date:** 12/4/2015  
**Product Description:** Awning Appearance Restorer  
**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  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 1  
Environmental, Hazards to the aquatic environment - Chronic, 4

### GHS Label elements, including precautionary statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H413 - May cause long lasting harmful effects to aquatic life

#### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 - IF SWALLOWED: May cause gastrointestinal irritation. Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.  
P304 - IF INHALED: Not considered a respiratory hazard. Do not spray or atomize.  
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.  
P390 - Absorb spillage to prevent material damage.  
P406 - Store in a corrosive resistant container with a resistant inner liner.  
P501 - Dispose of contents/container in compliance with Federal, Provincial and Local Government requirements.



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#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas#	%	Chemical Name
68439-50-9	<2.4%	Alcohols, C12-14, ethoxylated
34590-94-8	<9.5%	Propanol, 1(or 2)-(2-methoxymethylethoxy)-
1310-58-3	<2.4%	Potassium hydroxide, solution
7320-34-5	<1.4%	Diphosphoric acid, tetrapotassium 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.

#### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Not considered a respiratory hazard. Do not spray or atomize.
<b>Skin Contact:</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
<b>Eye Contact:</b>	Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.
<b>Ingestion:</b>	Swallowing may cause gastrointestinal irritation. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. If irritation persists consult medical personnel.

#### 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	NOT FLAMMABLE
<b>EXTINGUISHING MEDIA:</b>	Water
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	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

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



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#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Personal Protective Equipment:

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.  
Ventilation: Provide general or mechanical ventilation or local exhaust.  
PROTECTIVE GLOVES: Use impermeable gloves to prevent skin contact. Use head caps, boots, chemical aprons when necessary.  
EYE PROTECTION: Use safety eyewear designed to protect eyes against liquid splash and mists.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.  
WORK/HYGIENIC PRACTICES: Eyewashes and safety showers in the workplace are recommended. Wash hands after using. Monitor exposure levels.

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8):

Components with workplace control parameters

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)  
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

STEL 150 ppm USA. ACGIH Threshold Limit Values (TLV)  
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

TWA 100 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1  
600 mg/m<sup>3</sup> Limits for Air Contaminants  
Skin designation The value in mg/m<sup>3</sup> is approximate.

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
600 mg/m<sup>3</sup> 1910.1000  
Skin notation

STEL 150 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -  
900 mg/m<sup>3</sup> 1910.1000  
Skin notation

TWA 100 ppm USA. NIOSH Recommended Exposure Limits  
600 mg/m<sup>3</sup>  
Potential for dermal absorption

ST 150 ppm USA. NIOSH Recommended Exposure Limits  
900 mg/m<sup>3</sup>  
Potential for dermal absorption

Potassium hydroxide, solution (1310-58-3):

Components with workplace control parameters

C 2 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values  
(TLV)  
Eye, skin, & Upper Respiratory Tract irritation

C 2 mg/m<sup>3</sup> USA. OSHA - TABLE Z-1 Limits for  
Air Contaminants - 1910.1000



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C 2 mg/m<sup>3</sup> USA. NIOSH Recommended  
Exposure Limits

Diphosphoric acid, tetrapotassium salt (7320-34-5) : no data available  
Alcohols, C12-14, ethoxylated (68439-50-9) : no data available

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear	<b>Odor:</b>	Mild
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	100% in water
<b>Odor Threshold:</b>	No data available	<b>Freezing/Melting Pt.:</b>	No data available
<b>Spec Grav./Density:</b>	1.04	<b>Flash Point:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Auto-Ignition Temp:</b>	No data available
<b>Flammability:</b>	None	<b>UFL/LFL:</b>	No data available
<b>Partition Coefficient:</b>	No data available		
<b>Vapor Pressure:</b>	No data available		
<b>pH:</b>	No data available		
<b>Evap. Rate:</b>	No data available		
<b>Decomp Temp:</b>	No data available		

### 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable under normal conditions.
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, Flames.
<b>Materials to Avoid:</b>	Strong Oxidizing Agents, Acids, Metals, Combustible Materials.
<b>Hazardous Decomposition:</b>	Thermal decomposition may produce toxic and/or corrosive fume of potassium oxide.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8):

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 5,152 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Mild eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 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, ACGIH, NTP, 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: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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Synergistic effects: no data available  
Additional Information: RTECS: JM1575000

Potassium hydroxide, solution (1310-58-3):

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 333 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Corrosive to eyes (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 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, ACGIH, NTP, OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information: RTECS: TT2100000

Diphosphoric acid, tetrapotassium salt (7320-34-5):

Information on toxicological effects

Acute toxicity:

Oral LD50 Inhalation LC50 Dermal LD50 LD50 Dermal - rabbit - > 4,640 mg/kg Remarks: Prolonged skin contact may cause skin irritation and/or dermatitis.

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 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, ACGIH, NTP, 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. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: 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: JL6735000

Alcohols, C12-14, ethoxylated (68439-50-9): no data available



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#### 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

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

Triphosphoric acid, pentasodium salt (7758-29-4) : no data available

Alcohols, C12-14, ethoxylated (68439-50-9) : no data available

#### 13 DISPOSAL CONSIDERATIONS

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

#### 14 TRANSPORT INFORMATION

Land transport: UN1814, Potassium hydroxide, solution, 8, PGIII

Sea transport: UN1814, Potassium hydroxide, solution, 8, PGIII

Air Transport ICAO-TI and IATA-DGR: Review with your shipping supervisor.

CFR 173.154(b) Exceptions for Class 8 (corrosive materials)

#### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Alcohols, C12-14, ethoxylated (68439-50-9) [<2.4%] TSCA

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8) [<9.5%] MASS, OSHAWAC, PA, TSCA, TXAIR

RQ(1000LBS), Potassium hydroxide, solution (1310-58-3) [<2.4%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Diphosphoric acid, tetrapotassium salt (7320-34-5) [<1.4%] 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

RQ = Reportable Quantity

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHWAC = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances



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### 16 OTHER INFORMATION

HMIS III: Health = 3, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS		PPE	
HEALTH	3		
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.

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REVISIONS: section 14