



### SPIN 'N' CLEAN

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** SPIN 'N' CLEAN  
**SDS Number:** 3142  
**Revision Date:** 12/12/2017  
**Product Description:** Spin Bonnet Concentrate  
**Product Use:** For spin bonnet, rotary shampooing and automatic upholstery cleaning.  
**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, 4 Oral  
Health, Acute toxicity, 5 Dermal  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Environmental, Hazards to the aquatic environment - Acute, 3

### GHS Label elements, including precautionary statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H302 - Harmful if swallowed  
H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H402 - Harmful to aquatic life

#### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label before use.  
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.  
P302 - IF ON SKIN: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.  
P304 - IF INHALED: Remove to fresh air.  
P305 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. If irritation persists, consult medical personnel.



### SPIN 'N' CLEAN

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

##### Ingredients:

Cas#	%	Chemical Name
34590-94-8	<6%	Dipropylene glycol methyl ether
68585-34-2	<5%	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts
64-17-5	<5%	Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions
68439-50-9	<3%	Alcohols, C12-14, ethoxylated
7320-34-5	<2%	Diphosphoric acid, tetrapotassium salt
1310-58-3	<1%	Potassium hydroxide, solution

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 dangerous.
<b>Skin Contact:</b>	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.

#### 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not flammable
<b>Flash Point:</b>	N/A
<b>LEL:</b>	N/A
<b>UEL:</b>	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

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



### SPIN 'N' CLEAN

#### 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.

Dipropylene glycol methyl ether (34590-94-8) [<6%]

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

Diphosphoric acid, tetrapotassium salt (7320-34-5) [<2%] : no data available

Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions (64-17-5) [<5%]



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Components with workplace control parameters

TWA 1,000 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

TWA 1,000 ppm USA. Occupational Exposure Limits  
1,900 mg/m<sup>3</sup> (OSHA) - Table Z-1 Limits for Air  
Contaminants

The value in mg/m<sup>3</sup> is approximate.

TWA 1,000 ppm USA. NIOSH Recommended  
1,900 mg/m<sup>3</sup> Exposure Limits

Potassium hydroxide, solution (1310-58-3) [<1%]

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

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

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Straw	<b>Odor:</b>	Citrus
<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>	1.02	<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>	11.5 - 12.0		
<b>Evap. Rate:</b>	No data available		
<b>Decomp Temp:</b>	No data available		

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### 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>	N/A
<b>Materials to Avoid:</b>	Strong Oxidizing Agents, Acids.
<b>Hazardous Decomposition:</b>	Not known.
<b>Hazardous Polymerization:</b>	Will not occur.



## SPIN 'N' CLEAN

### 11 TOXICOLOGICAL INFORMATION

Dipropylene glycol methyl ether (34590-94-8) [<6%]

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:

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.

Synergistic effects: no data available

Additional Information: RTECS: JM1575000

Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions (64-17-5) [<5%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 7,060 mg/kg Remarks: Lungs, Thorax, or Respiration:Other changes.

LC50 Inhalation - rat - 10 h - 20000 ppm

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 24 h (OECD Test Guideline 405)

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

Carcinogenicity - mouse - Oral:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver: Tumors. Blood: Lymphomas including Hodgkins disease.

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, OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - Human - female - Oral:

Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects. Effects on Newborn: Drug dependence.

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: KQ6300000

Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence



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Diphosphoric acid, tetrapotassium salt (7320-34-5) [<2%]

Information on toxicological effects

Acute toxicity:

Oral LD50 Inhalation LC50 Dermal 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:

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

Potassium hydroxide, solution (1310-58-3) [<1%]

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 sensitization: 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, 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



## SPIN 'N' CLEAN

### 12 ECOLOGICAL INFORMATION

Dipropylene glycol methyl ether (34590-94-8) [<6%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1,919 mg/l - 48 h.

and other aquatic invertebrates

Persistence and degradability: Biodegradability

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Potassium hydroxide, solution (1310-58-3) [<1%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 80 mg/l - 96 h.

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life.

Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions (64-17-5) [<5%]: no data available

Diphosphoric acid, tetrapotassium salt (7320-34-5) [<2%]: 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

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Dipropylene glycol methyl ether (34590-94-8) [<6%] MASS, OSHAWAC, PA, TSCA, TXAIR

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2) [<5%] TSCA

Alcohols, C12-14, ethoxylated (68439-50-9) [<3%] TSCA

Diphosphoric acid, tetrapotassium salt (7320-34-5) [<2%] TSCA

Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions (64-17-5) [<5%] MASS, OSHAWAC, PA, TSCA, TXAIR



## SPIN 'N' CLEAN

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

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

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



TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

## 16 OTHER INFORMATION

HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS		PPE	
HEALTH	2		
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: 05/13/15

REVISION DATE: 12/12/17

REVISIONS: 3 year revision/review