



G-FORCE

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: G-FORCE
SDS Number: 10304
Revision Date: 11/17/2015
Product Description: Pro-microbial Concrete and Asphalt Cleaner
Instructions: Surface must be between 50° F and 100° F
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, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H303 - May be harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation

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. Gently wash with plenty of soap and water.
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.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
68439-46-3	<15%	Alcohols, C9-11, ethoxylated
68584-22-5	<5%	Benzenesulfonic acid, C10-16-alkyl derivs.
0	<5%	Viable Bacteria Cultures
2634-33-5	<.05%	1,2-Benzisothiazol-3(2H)-one

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

Inhalation:	Not considered dangerous.
Skin Contact:	Prolonged or repeated and confined exposure may cause skin irritation. Gently wash with plenty of soap and water. 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. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. If irritation persists consult medical personnel.

5 FIRE FIGHTING MEASURES

Flammability:	NOT FLAMMABLE
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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

HMIS PP, B | Safety Glasses, Gloves
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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light straw	Odor:	Mild odor
Physical State:	Liquid	Solubility:	Yes/ Water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1.02	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:	8.5 - 9.0		
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:	Extremes of temperature and direct sunlight. Excessive temperature variations below 32 °F or above 122 °F
Materials to Avoid:	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Alcohols, C9-11, ethoxylated (68439-46-3) [<15%]: no data available
Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5) [<5%]: no data available
Viable Bacteria Cultures (0) [<5%]: no data available

1,2-Benzisothiazol-3(2H)-one (2634-33-5) [<.05%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 1,020 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available



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Serious eye damage/eye irritation: no data available
Respiratory or skin sensitization: May cause allergic skin reaction.
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 Harmful if swallowed. Skin 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: DE4620000

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ECOLOGICAL INFORMATION

Alcohols, C9-11, ethoxylated (68439-46-3) [<15%]: no data available

Viable Bacteria Cultures (0) [<5%]: no data available

Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5) [<5%]: no data available

Information on ecological effects

Toxicity:

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 2.9 mg/l - 48 h.

1,2-Benzisothiazol-3(2H)-one (2634-33-5) [<.05%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 0.8 mg/l - 96.0 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 4.4 mg/l - 48 h.

and other aquatic invertebrates

Persistence and degradability: The organic components of the product are biodegradable.

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: No data available. No known effect.

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DISPOSAL CONSIDERATIONS

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

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TRANSPORT INFORMATION

Non-hazardous.



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15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Alcohols, C9-11, ethoxylated (68439-46-3) [<15%] TSCA
 Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5) [<5%] TSCA
 Viable Bacteria Cultures (0) [<5%]


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

16	OTHER INFORMATION
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HMIS III: Health = 2, Fire = 0, Physical Hazard = 0
 HMIS PPE: B - Safety Glasses, Gloves

HMIS	PPE
HEALTH	
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	
<input type="checkbox"/> 2 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 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: 11/21/14
 REVISION DATE: 11/17/15
 REVISIONS: section 2 & 4