



**Safety Data Sheet**  
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
GHS HCS 2012

Trade name: Extreme Orange Carwash Concentrate

### 1 Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier:**

- **Trade name:** Extreme Orange Carwash Concentrate #2088000, #2012883
- **Article number:** GL69

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

- **Application of the substance / the preparation** Cleaner for the exterior of automobiles.

**Product dilution information:** 1 oz. (29.57 mL) per bucket of water or 1 oz. (29.57 ml) per 4 oz. (118 ml) of water

**1.3 Details of the supplier of the Safety Data Sheet**

Stearns Packaging Corporation  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216  
Phone: 800-655-5008  
Email: [stearns@stearnspkg.com](mailto:stearns@stearnspkg.com)  
Website: [www.stearnspkg.com](http://www.stearnspkg.com)


**1.4 Emergency telephone number:**

ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

### 2 Hazards identification

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Product as SOLD	Product at USE DILUTION
 GHS07 Eye Irrit. 2A H319 Causes serious eye irritation.	Not classified.  Not classified.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 Xi; Irritant R36: Irritating to eyes	Not classified.
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**Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.	The mixture does not meet the criteria for classification.
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**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.


- **Additional information:** May form combustible dust concentrations in air.

The mixture does not meet the criteria for classification.

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• 2.2 Label elements	
• Labeling according to Regulation (EC) No 1272/2008	
Product as SOLD	Product at USE DILUTION
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.
• Hazard pictograms	
 GHS07	None
• Signal word Warning	
Warning	None
• Hazard-determining components of labelling:	
Sodium alpha-olefin sulfonate Alcohol ethoxylate	Not applicable.
• Hazard statements	
H319 Causes serious eye irritation.	Avoid contact with eyes.
• Precautionary statements	
P280 Wear eye protection. P264 Wash hands thoroughly after handling. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.	None
• Additional information: No known hazards.	
No known hazards.	No known hazards.

### 3 Composition/information on ingredients

• 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.



• Dangerous components:		
CAS: 66455-15-0	alcohols, C10-14, ethoxylated  Xi R36/R37/R38	1-3%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319, STOT SE 3, H335	
CAS: 111-76-2	2-butoxyethanol  Xi R10/R22/R24/R36/R38	<1%
	 Acute Tox. Dermal 3, H311	
	 Eye Irrit. 2A, H319 Skin Irrit. 2, H315, Acute Tox. Oral 4 H302	
	Flammable Liquid 4, H227	

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CAS: 68439-57-6	Sodium alpha-olefin sulfonate  C: Corrosive R34: Causes burns  Skin Irrit. 2, H315, Eye Dam. 1, H318	<3%
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- **Additional information:** For the wording of the listed risk phrases refer to section 16.

#### 4 First-aid measures

• 4.1 Description of first aid measures	
Product as SOLD	Product at USE DILUTION
• <b>General information:</b> No special measures required.	No special measures required.
• <b>After inhalation:</b> No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
• <b>After skin contact:</b> Immediately rinse with water. If skin irritation occurs, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
• <b>After eye contact:</b> Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.
• <b>After swallowing:</b> Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.
• <b>4.2 Most important symptoms and effects, both acute and delayed</b> Irritant to eyes.	No known effect after eye contact.
• <b>Hazards</b> No further relevant information available.	No known effects.
• 4.3 Indication of any immediate medical attention and special treatment needed	
No further relevant information available.	No further relevant information available.

#### 5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information** No further relevant information available.

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## 6 Accidental release measures

### • 6.1 Personal precautions, protective equipment and emergency procedures

Product as SOLD	Product at USE DILUTION
Ensure adequate ventilation	Use personal protective equipment as required.

### • 6.2 Environmental precautions:

No special measures required.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
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### • 6.3 Methods and material for containment and cleaning up:

Clean the affected area carefully; suitable cleaners are: Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
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### • 6.4 Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
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## 7 Handling and storage

### • 7.1 Precautions for safe handling

Product as SOLD	Product at USE DILUTION
No special measures required.	No special measures required.

### • Information about fire - and explosion protection:

No special measures required.	No special measures required.
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### • 7.2 Conditions for safe storage, including any incompatibilities

#### • Storage:

#### • Requirements to be met by storerooms and receptacles:

Store in a cool location. Avoid storage near extreme heat, ignition sources or open flame.	Keep out of reach of children.
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#### • Information about storage in one common storage facility:

Store away from foodstuffs.	No storage precautions necessary.
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#### • Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles. Protect from freezing.	No storage precautions necessary.
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### • 7.3 Specific end use(s) No further relevant information available.

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## 8 Exposure controls/personal protection

• **Additional information about design of technical facilities:** No further data; see item 7.

Product as SOLD

Product at USE DILUTION

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

• **8.2 Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.

Not required under normal conditions of use.

• **Respiratory protection:**

Not required under normal conditions of use.  
 For spills, respiratory protection may be advisable.  
 Use suitable respiratory protective device when high concentrations are present.

Not required under normal conditions of use.

• **Protection of hands:**

No protective equipment is needed under normal conditions.

No protective equipment is needed under normal conditions.

• **Eye protection:**



Safety glasses

No protective equipment is needed under normal conditions.

• **Body protection:**

Not required under normal conditions of use.  
 Protection may be required for spills.

No protective equipment is needed under normal conditions.

• **Limitation and supervision of exposure into the environment**

No further relevant information available.

No further relevant information available.

• **Risk management measures**

See Section 7 for additional information.  
 No further relevant information available.

See Section 7 for additional information.  
 No further relevant information available.

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**9 Physical and chemical properties**

	Product as SOLD	Product at USE DILUTION
<b>• 9.1 Information on basic physical and chemical properties</b>		
<b>• General Information</b>		
<b>• Appearance:</b>		
Form:	Liquid	Liquid
Color:	Orange	Light orange
• Odor:	Citrus	Faint citrus
• Odor threshold:	Not determined.	Not determined.
• pH-value at 25 °C:	9.0 ± 0.5 for concentrate	7.0 ± 0.5 at use dilution
<b>• Change in condition</b>		
Melting point/Melting range:	Undetermined.	Undetermined.
Boiling point/Boiling range:	212 °F / 100 °C	212 °F / 100 °C
• Flash point:	>212 °F / 100 °C	Not applicable.
• Flammability (solid, gaseous):	Not applicable.	Not applicable.
• Ignition temperature:	Not determined.	Not determined.
• Decomposition temperature:	Not determined.	Not determined.
• Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
• Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
<b>• Explosion limits:</b>		
Lower:	Not determined.	Not determined.
Upper:	Not determined.	Not determined.
• Vapor pressure at 20 °C:	23 hPa	Not determined.
• Density at 20 °C:	1.005 g/cm <sup>3</sup>	1.00 g/cm <sup>3</sup>
• Relative density	Not determined.	Not determined.
• Vapor density	Not determined.	Not determined.
• Evaporation rate	Not determined.	Not determined.
• Solubility in / Miscibility with water:	Fully miscible.	Complete
• Partition coefficient (n-octanol/water):	Not determined.	Not determined.
<b>• Viscosity:</b>		
Dynamic:	<100 cPs	Not determined.
Kinematic:	Not determined.	Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available.

**10 Stability and reactivity****Product as SOLD**

- **10.1 Reactivity** Not determined.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **10.4 Conditions to avoid** Store away from oxidizing agents.
- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:** Possible in traces.

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### 11 Toxicological information

#### • 11.1 Information on toxicological effects

Product as SOLD	Product at USE DILUTION
• <b>Acute toxicity:</b> >5,000 mg/kg for male and female rats.	Non-toxic at use-dilution.
• <b>Primary irritant effect:</b>	
• <b>on the skin:</b> No irritant effect.	No adverse effects due to skin contact are expected.
• <b>on the eye:</b> Irritating effect.	Direct contact with eyes may cause temporary irritation.
• <b>Sensitization:</b> No sensitizing effect known.	No sensitizing effects due to skin contact are expected.
• <b>Additional toxicological information:</b>	
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.	
Irritant	Not classified

### 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:** Not known.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13 Disposal considerations

#### • 13.1 Waste treatment methods

Product as SOLD	Product at USE DILUTION
• <b>Recommendation</b>	
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• <b>Uncleaned packaging:</b>	
• <b>Recommendation:</b> Disposal must be made according to official regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• <b>Recommended cleansing agents:</b> Water, if necessary together with cleansing agents.	

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### 14 Transport information

<b>Product as SOLD</b>	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A
• 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, liquid.
• 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class	N/A
• 14.4 Packing group • DOT, ADR, IMDG, IATA	N/A
• 14.5 Environmental hazards: • Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable.
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	Cleaning Compounds, NOI, liquid.
<b>Product at USE DILUTION</b> Not intended for transport.	

### 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

Product as SOLD	Product at USE DILUTION
• <b>Section 355 (extremely hazardous substances):</b>	
None of the ingredients is listed.	Not applicable.
• <b>Section 313 (Specific toxic chemical listings):</b>	
None of the ingredients is listed.	None of the ingredients is listed.
• <b>TSCA (Toxic Substances Control Act):</b>	
All ingredients are listed.	All ingredients are listed.
• <b>Proposition 65 (California):</b>	
• <b>Chemicals known to cause cancer:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
• <b>Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
• <b>Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
• <b>Chemicals known to cause developmental toxicity:</b>	
None of the ingredients is listed.	None of the ingredients is listed.

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Product as SOLD	Product at USE DILUTION
<b>• Carcinogenic Categories</b>	
<b>• EPA (Environmental Protection Agency)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• IARC (International Agency for Research on Cancer)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• TLV (Threshold Limit Value established by ACGIH)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
All ingredients are listed.	All ingredients are listed.
<b>• Canada</b>	
<b>• Canadian Domestic Substances List (DSL)</b>	
All ingredients are listed.	All ingredients are listed.
<b>• Canadian Ingredient Disclosure list (limit 0.1%)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Canadian Ingredient Disclosure list (limit 1%)</b>	
None of the ingredients is listed.	None of the ingredients is listed.

**• 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**• Relevant phrases**

H227 Combustible liquid  
 H311 Toxic in contact with skin  
 H302 Harmful if swallowed  
 H315 Causes skin irritation  
 H318 Causes serious eye damage  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation

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 R10 Flammable  
 R22 Harmful if swallowed.  
 R24 Toxic in contact with skin  
 R34 Causes burns  
 R36 Irritating to eyes.  
 R38 Irritating to skin.

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**SDS File Name:** GL69 EXTREME ORANGE CARWASH SDS

**NSF Certified:**

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LD50: Lethal dose, 50 percent

• **Sources**

SDS Prepared by:

JBE/JER

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