

# STONE SOAP CO., INC

## Safety Data Sheet Rainbow Rinse Aid

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Rainbow Rinse Aid
Product number	RL- 801, 802, 803, 804
Brand	Stone Soap
Substance name	Automotive Rinse Aid

#### 1.4 Supplier's details

Name	Stone Soap Co., Inc
Address	2000 Pontiac Dr. Sylvan Lake, MI 48320 US
Telephone	248-706-1000
Fax	248-706-1001
email	sales@stonesoap.com

#### 1.5 Emergency phone number(s)

Chemtrec 1-800-424-9300

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 3

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Signal word

##### Warning

##### Hazard statement(s)

H319  
H316

Causes serious eye irritation  
Causes mild skin irritation

##### Precautionary statement(s)

P264  
P280  
P305+P351+P338

Wash ... thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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P337+P313  
P332+P313  
P301+P330+P331  
P303+P361+P353

If eye irritation persists: Get medical advice/attention.  
If skin irritation occurs: Get medical advice/attention.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

### 2.3 Other hazards which do not result in classification

Causes mild skin irritation

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Substance name Automotive Rinse Aid

#### Hazardous components

##### 1. WATER

Concentration 60 - 70 % (Weight)

Other names / synonyms WATER  
CAS no. 7732-18-5

##### 2. Nonionic

Concentration 6 - 12 %

Other names / synonyms Proprietary

##### 3. Distillates (petroleum), straight-run middle

Concentration 4 - 12 %

Other names / synonyms Distillates (petroleum), straight-run middle  
CAS no. 64741-44-2

##### 4. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration 2 - 10 %

Other names / synonyms 2-BUTOXY-1-ETHANOL; 2-BUTOXYETHANOL; BUTYL CELLUSOLVE  
EC no. 203-905-0  
CAS no. 111-76-2  
Index no. 603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H319 Causes serious eye irritation

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H332 Harmful if inhaled

### 5. Proprietary nonionic surfactant blend

Concentration 1 - 3 %

Other names / synonyms Proprietary nonionic surfactant blend

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 4

H302 Harmful if swallowed  
H302+H312 Harmful if swallowed or in contact with skin  
H314 Causes severe skin burns and eye damage  
H410 Very toxic to aquatic life with long lasting effects

### Trade secret statement (OSHA 1910.1200(i))

If Chemical Name/CAS number is "proprietary" and/or weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration may be necessary. Seek medical attention-if required.
In case of skin contact	Wash with large quantity of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical attention.
In case of eye contact	Rinse immediately with cool running water, including under eyelids for at least 15 minutes. Remove contact lenses, if present, after five minutes. continue rinsing eyes. If irritation continues, seek medical attention.
If swallowed	DO NOT induce vomiting. Drink one or two glasses of water. Seek medical attention immediately.

### 4.2 Most important symptoms/effects, acute and delayed

Headache, nausea or dizziness. Direct contact may cause skin or eye irritation.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

None

### 5.3 Special protective actions for fire-fighters

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Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6: Accidental release measures

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

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3 Methods and materials for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Handle according to accepted industrial hygiene and safety practice. Use personal protective equipment (see section 8). Follow all label directions.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep away from excessive heat or incompatible materials, oxidizers and reducing agents.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### 1. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

##### 2. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 240 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

##### 3. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 20 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

##### 4. 2-Butoxyethanol (CAS: 111-76-2)

REL (Inhalation): 5 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 8.2 Appropriate engineering controls

Use in well ventilated area. Eyewash and emergency showers should be available.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

None required

### Thermal hazards

None

### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Blue liquid
Odor	Grape
Odor threshold	Not determined
pH	6.0 to 8.0
Melting point/freezing point	> 32F
Initial boiling point and boiling range	> 212F
Flash point	> 212F
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability limits	N/A
Upper/lower explosive limits	N/A
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	0.98
Solubility(ies)	100% in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	30 cst
Explosive properties	None
Oxidizing properties	None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not reactive under normal storage conditions.

### 10.2 Chemical stability

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Stable under normal storage conditions

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

Excessive heat

### 10.5 Incompatible materials

Strong oxidizers and reducing agents

### 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Oxides of nitrogen. Hydrocarbons.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Nonionic (Proprietary)

Oral LD<sub>50</sub> = 620mg/kg (Rat)

Dermal LD<sub>50</sub> = 10g/kg (Rat)

Ethylene glycol monobutyl ether CAS 111-76-2

Oral LD<sub>50</sub> = 500mg/kg estimate based upon calculation method

Inhalation = 4500 ppm estimate based upon calculation method

Dermal LD<sub>50</sub> = 1100mg/kg estimate based upon calculation method

Distillates (petroleum), straight-run middle CAS 64741-44-2

Oral LD<sub>50</sub> (Rat) >2000mg/kg

Dermal LD<sub>50</sub> (Rabbit) >5000mg/kg

Proprietary nonionic surfactant blend

LD<sub>50</sub> Oral - Rat - 3980 mg/kg

LD<sub>50</sub> Skin - Rabbit - 2000 - 2991 mg/kg

LC<sub>50</sub> Inhalation - Rat - 1.15 mg/l - 4 h

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes moderate to severe eye irritation.

#### Respiratory or skin sensitization

No data available.

#### Germ cell mutagenicity

No specific data

#### Carcinogenicity

No known significant effects or critical hazards.

#### Reproductive toxicity

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No known significant effects or critical hazards.

### Summary of evaluation of the CMR properties

No known significant effects or critical hazards.

### STOT-single exposure

No known significant effects or critical hazards.

### STOT-repeated exposure

No known significant effects or critical hazards.

### Aspiration hazard

No known significant effects or critical hazards.

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## SECTION 12: Ecological information

### Toxicity

Nonionic (Proprietary)

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Ethylene glycol monobutyl ether CAS 111-76-2

EC50 =1800mg/l *Daphnia magna* (water flea) 48 hours OECD Test Guideline 202

LC50 =1474mg/l *Oncorhynchus mykiss* 96 hours OECD Test Guideline 203

EC50 =911mg/l *Pseudokirchneriella subcapitata* (green algae) 72 hours OECD Test Guideline 201

Distillates (petroleum), straight-run middle CAS 64741-44-2

Not available

Proprietary nonionic surfactant blend

LC50 - *Pimephales promelas* (fathead minnow) - 3.8 - 6.2 mg/l - 96 h

LC50 - *Daphnia magna* (water flea) - 9.3 - 21.4 mg/l - 48 h

### Persistence and degradability

Nonionic (proprietary)

Not Determined

Ethylene glycol monobutyl ether CAS 111-76-2

Biodegradability:aerobic.

Inoculum: activated sludge.

Result: Readily biodegradable

Biodegradation: 90.4%

Exposure time: 28 days

OECD Test Guideline 301B

Distillates (petroleum), straight-run middle CAS 64741-44-2

Biodegradability: Inherent

Proprietary nonionic surfactant blend

^0% biodegradation, 28 d, OECD 301B

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Partition coefficient, n-octanol/water (log Pow) - 2.1 - 3.4 - Calculated

### **Bioaccumulative potential**

Nonionic (proprietary)  
Not Determined

Ethylene glycol monobutyl ether CAS 111-76-2  
Partition coefficient: n-octanol/water: log Pow: 0.83

Distallates (petroleum), straight-run middle CAS 64741-44-2  
Not available

Proprietary nonionic surfactant blend  
Partition coefficient, n-octanol/water (log Pow) - 2.1 - 3.4 - Calculated

### **Mobility in soil**

Nonionic (proprietary)  
Not Determined

Ethylene glycol monobutyl ether CAS 111-76-2  
No data available

Distallates (petroleum), straight-run middle CAS 64741-44-2  
Not available

Proprietary nonionic surfactant blend  
No relevant data

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## **SECTION 13: Disposal considerations**

### **Disposal of the product**

The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions and any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional or local requirements.

### **Disposal of contaminated packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## **SECTION 14: Transport information**

### **DOT (US)**

UN Number: Not regulated

### **IMDG**

Not regulated

### **IATA**

Not regulated

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## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations specific for the product in question**



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## Rainbow Rinse Aid

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### Toxic Substances Control Act (TSCA) Inventory

Ethylene glycol monobutyl ether CAS 111-76-2 and Nonyl phenolpolyethylene glycol ether this material is listed or exempted, Distallates (petroleum), straight-run middle CAS 64741-44-2

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 311/312 Hazards

The following components are subject to reporting levels established by SARA Title III, Section 311/312: Ethylene glycol monobutyl ether CAS 111-76-2, Distallates (petroleum), straight-run middle CAS 64741-44-2, Nonyl phenolpolyethylene glycol ether

### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313: Ethylene glycol monobutyl ether CAS 111-76-2, Distallates (petroleum), straight-run middle CAS 64741-44-2

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## SECTION 16: Other information

Effective 4/10/15

### 16.1 Further information/disclaimer

The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Stone Soap Co., Inc. does not make, nor does it authorize any agent or representative to make any oral or written warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof beyond the statements on the label. Stone Soap Co., Inc. and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personal injury or property damage or loss resulting from handling, storage or use of this material not in accordance with the written directions. No other warranty exists.

### 16.2 Preparation information

Generated by  
Stone Soap Co., Inc.  
2000 Pontiac Dr.  
Sylvan Lake, MI 48320