

Safety Data Sheet

Issue Date: 16-Aug-2023

Revision Date: 17-Jan-2025

Version 2

1. IDENTIFICATION

Product identifier

Product Name Citrus Splash HP Bay Soap

Other means of identification

SDS # SON-008

Product Code 5G- 30010339

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Sonny's CarWash Chemistry
2969 Reward Lane
Dallas, TX 75220
Phone: 800-843-7627

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Orange liquid

Physical state Liquid

Odor Citrus

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |

Signal Word

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of water and soap
 Take off contaminated clothing and wash before reuse
 If skin irritation occurs: Get medical advice/attention

Other hazards

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% |
|---------------------------|------------|----------|
| Alkylbenzenesulfonic Acid | 68584-22-5 | 10-15 |
| Sodium Hydroxide | 1310-73-2 | 1-5 |
| Sulfuric Acid | 7664-93-9 | 0.1-1 |
| Alkyl(C10-16) Benzene | 68648-87-3 | 0.1-1 |
| Citral | 5392-40-5 | <0.1 |

If Chemical Name/CAS No 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.

4. FIRST AID MEASURES

Description of first aid measures

| | |
|---------------------|--|
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Skin Contact | Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Symptoms | May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------|---|--|--|
| Sodium Hydroxide 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ | IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³ |
| Sulfuric Acid 7664-93-9 | TWA: 0.2 mg/m ³ thoracic particulate matter | TWA: 1 mg/m ³ (vacated) TWA: 1 mg/m ³ | IDLH: 15 mg/m ³ TWA: 1 mg/m ³ |
| Citral 5392-40-5 | dermal sensitizer TWA: 5 ppm inhalable fraction and vapor S* | - | - |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|---------------|-----------------------|----------------|
| Physical state | Liquid | Odor | Citrus |
| Appearance | Orange liquid | Odor Threshold | Not determined |
| Color | Orange | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-----------------------|-------------------------|
| pH | 7.0-8.0 | |
| Melting point / freezing point | No data available | |
| Initial boiling point and boiling range | No data available | |
| Flash point | No data available | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Liquid-Not applicable | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapor Pressure | Not determined | |
| Vapor Density | No data available | |
| Relative Density | 1.025 | |
| Water Solubility | Not determined | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Autoignition temperature | No data available | |
| Hyphen | Not determined | |
| Kinematic viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|------------------------------|
| Eye Contact | Avoid contact with eyes. |
| Skin Contact | Avoid contact with skin. |
| Inhalation | Do not inhale. |
| Ingestion | May be harmful if swallowed. |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-----------------------|--------------------------|--------------------------|
| Alkylbenzenesulfonic Acid 68584-22-5 | = 775 mg/kg (Rat) | = 2000 mg/kg (Rabbit) | - |
| Sodium Hydroxide 1310-73-2 | = 325 mg/kg (Rat) | = 1350 mg/kg (Rabbit) | - |
| Alkyl(C10-16) Benzene 68648-87-3 | > 5000 mg/kg (Rat) | > 10200 mg/kg (Rabbit) | - |
| Sulfuric Acid 7664-93-9 | = 2140 mg/kg (Rat) | - | = 0.375 mg/L (Rat) 4 h |
| DMDM Hydantoin 6440-58-0 | = 2 g/kg (Rat) | > 2000 mg/kg (Rabbit) | - |
| Acid Yellow 73 518-47-8 | = 6721 mg/kg (Rat) | - | - |
| Decanal 112-31-2 | = 3730 mg/kg (Rat) | = 5040 mg/kg (Rabbit) | - |
| Undecanal, 2-methyl 110-41-8 | > 5 g/kg (Rat) | > 10 mL/kg (Rabbit) | - |
| Linalool 78-70-6 | = 2790 mg/kg (Rat) | = 5610 mg/kg (Rabbit) | - |
| Terpineol 98-55-5 | = 5170 mg/kg (Rat) | > 2000 mg/kg (Rat) | - |
| Undecanal 112-44-7 | - | > 5000 mg/kg (Rabbit) | - |
| Linalyl acetate 115-95-7 | = 14550 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | - |
| Octanal 124-13-0 | = 4616 mg/kg (Rat) | = 5207 mg/kg (Rabbit) | > 4.7 mg/L (Rat) 4 h |
| Citral 5392-40-5 | = 4960 mg/kg (Rat) | = 2250 mg/kg (Rabbit) | - |
| Citronellol 106-22-9 | = 3450 mg/kg (Rat) | = 2650 mg/kg (Rabbit) | - |
| Geraniol 106-24-1 | = 3600 mg/kg (Rat) | > 5 g/kg (Rabbit) | - |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|-----------------|--|
| Symptoms | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|--------------------------------|
| Skin corrosion/irritation | Causes skin irritation. |
| Serious eye damage/eye irritation | Causes serious eye irritation. |

Carcinogenicity

IARC has classified "strong inorganic acid mist containing sulfuric acid" as a Category 1 carcinogen, substance that is carcinogenic to humans. This classification does not apply to liquid forms of sulfuric acid. Inorganic mist is not generated under normal use of this product.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|----------------------------|-------|---------|-------|------|
| Sulfuric Acid 7664-93-9 | A2 | Group 1 | Known | X |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|--------------------|-----------------|
| Oral LD50 | 4,471.20 mg/kg |
| Dermal LD50 | 12,696.30 mg/kg |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Component Information

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|--|--|---------------------------------------|
| Alkylbenzenesulfonic Acid 68584-22-5 | | LC50: =3mg/L (96h, Oncorhynchus mykiss) | EC50: =2.9mg/L (48h, Daphnia magna) |
| Sodium Hydroxide 1310-73-2 | | LC50: =45.4mg/L (96h, Oncorhynchus mykiss) | |
| Alkyl(C10-16) Benzene 68648-87-3 | EC50: >1000mg/L (96h, Pseudokirchneriella subcapitata) | LC50: >1000mg/L (96h, Oncorhynchus mykiss) | EC50: =0.009mg/L (48h, Daphnia magna) |
| Sulfuric Acid 7664-93-9 | | LC50: >500mg/L (96h, Brachydanio rerio) | |
| Decanal 112-31-2 | | LC50: =1.45mg/L (96h, Oncorhynchus mykiss) | |
| Undecanal, 2-methyl 110-41-8 | | LC50: =0.35mg/L (96h, Oncorhynchus mykiss) | |
| Linalool 78-70-6 | EC50: =88.3mg/L (96h, Desmodesmus subspicatus) | LC50: =27.8mg/L (96h, Oncorhynchus mykiss) | EC50: =20mg/L (48h, Daphnia magna) |
| Linalyl acetate 115-95-7 | | LC50: =11mg/L (96h, Cyprinus carpio) | |
| Citral 5392-40-5 | EC50: =16mg/L (72h, Desmodesmus subspicatus) EC50: =19mg/L (96h, Desmodesmus subspicatus) | | EC50: =7mg/L (48h, Daphnia magna) |
| Geraniol 106-24-1 | | LC50: =22mg/L (96h, Danio rerio) | |

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

| Chemical name | Partition coefficient |
|---|-----------------------|
| Alkylbenzenesulfonic Acid 68584-22-5 | 2 |
| Citral 5392-40-5 | 2.76 |

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

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

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

California Hazardous Waste Status

| Chemical name | California Hazardous Waste Status |
|-------------------------------|-----------------------------------|
| Sodium Hydroxide 1310-73-2 | Toxic Corrosive |
| Sulfuric Acid 7664-93-9 | Toxic Corrosive |

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG
Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION**International Inventories**

| Chemical name | TSCA | TSCA Inventory Status | DSL/NDL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AIIC |
|--|------|-----------------------|---------|----------------|------|-------|------|-------|------|
| Alkylbenzenesulfonic Acid | X | ACTIVE | X | X | X | X | X | X | X |
| Sodium Hydroxide | X | ACTIVE | X | X | X | X | X | X | X |
| Alkyl(C10-16) Benzene | X | ACTIVE | X | X | | X | X | X | X |
| Sulfuric Acid | X | ACTIVE | X | X | X | X | X | X | X |
| DMDM Hydantoin | X | ACTIVE | X | X | X | X | X | X | X |
| Terpenes and terpenoids, mixed sour and sweet orange oil | X | ACTIVE | X | | | X | X | X | X |
| Acid Yellow 73 | X | ACTIVE | X | X | X | X | X | X | X |
| Decanal | X | ACTIVE | X | X | X | X | X | X | X |
| Undecanal, 2-methyl | X | ACTIVE | X | X | X | X | X | X | X |
| Linalool | X | ACTIVE | X | X | X | X | X | X | X |

| | | | | | | | | | |
|-----------------|---|--------|---|---|---|---|---|---|---|
| Terpineol | X | ACTIVE | X | X | X | X | X | X | X |
| Undecanal | X | ACTIVE | X | X | X | X | X | X | X |
| Linalyl acetate | X | ACTIVE | X | X | X | X | X | X | X |
| Octanal | X | ACTIVE | X | X | X | X | X | X | X |
| Citral | X | ACTIVE | X | X | X | X | X | X | X |
| Citronellol | X | ACTIVE | X | X | X | X | X | X | X |
| Geraniol | X | ACTIVE | X | X | X | X | X | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-------------------------------|--------------------------|----------------|---|
| Sodium Hydroxide 1310-73-2 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ |
| Sulfuric Acid 7664-93-9 | 1000 lb | 1000 lb | RQ 1000 lb final RQ RQ 454 kg final RQ |

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium Hydroxide | 1000 lb | | | X |
| Sulfuric Acid | 1000 lb | | | X |

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|---------------------------|---------------------------|
| Sulfuric Acid - 7664-93-9 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Sodium Hydroxide 1310-73-2 | X | X | X |
| Sulfuric Acid 7664-93-9 | X | X | X |
| Octanal 124-13-0 | | X | |

16. OTHER INFORMATION

| | | | | |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <u>NFPA</u> | Health hazards | Flammability | Instability | Special hazards |
| | - | - | - | - |
| <u>HMIS</u> | Health hazards | Flammability | Physical hazards | Personal Protection |
| | - | - | - | Not determined |

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Revision Note: Revision to Section 1

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet