

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: August 25, 2023

Version No.: 1.0

Revision: August 25, 2023

1 Identification

- **Product identifier**

- **Trade name:**

Car Wash Soap Sheets

- **Other means of identification:**

No available data.

- **Recommended use of the chemical and restrictions on use**

- **Application of the substance/ mixture:**

Consumer uses, cleaning.

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

Image Wash Products

5144 Chicago Drive, STE 1

Hudsonville Michigan

49426 United States

Post code: 201114

Tel: 616-777-7175

Email: help@washproduct.com

- **Further information obtainable from:**

Image Wash Products

- **Emergency telephone number**

United States

CHEMTREC

1-800-424-9300 (24 hrs)

1-800-262-8200 (24 hrs)

1-703-527-3887 (24 hrs (international))

2 Hazard(s) identification

- **Classification of the substance or mixture:**

| Hazard class | Hazard category |
|--|-----------------|
| Skin corrosion/irritation | Category 2 |
| Sensitization-skin | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Specific target organ toxicity, single exposure-Respiratory tract irritation | Category 3 |

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

- **Label elements**

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms:**

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• **Signal word:**

Danger

• **Hazard-determining components of labelling:**

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Sodium C14-16 olefin sulfonate

Cocamidopropyl betaine

1,2-Benzisothiazol-3(2H)-one

• **Hazard statements:**

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye damage

May cause respiratory irritation

• **Precautionary statement:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Avoid breathing dust.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/ eye protection/ face protection.

Contaminated work clothing must not be allowed out of the workplace.

Wash hand and face thoroughly after handling.

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE/doctor if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Specific treatments see the first aid measures on this label.

Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place.

Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local regulation.

• **Hazards not otherwise classified (HNOC):**

No known otherwise classified hazards.

3 Composition/information on ingredients

• **Chemical characterization:**

Mixture

• **Description:**

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Car Wash Soap Sheets.

· Components:

| CAS No. | Composition Name | w/w, % |
|-------------|---|------------|
| 7732-18-5 | Water | Up To 100 |
| 85586-07-8 | Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 15-35 |
| 25213-24-5 | Polyvinyl alcohol | 5-25 |
| 68439-57-6 | Sodium C14-16 olefin sulfonate | 1-10 |
| 56-81-5 | Glycerin | 1-10 |
| 68-04-2 | Sodium citrate | 1-10 |
| 61789-40-0 | Cocamidopropyl betaine | 1-5 |
| 68155-09-9 | Cocamidopropylamine oxide | 1-5 |
| 9004-82-4 | Sodium laureth sulfate | 1-5 |
| 61789-19-3 | Amides, coco | 1-5 |
| 110615-47-9 | Poly(laurylglucoside)-7 | 1-5 |
| 51981-21-6 | Tetrasodium glutamate diacetate | 1-5 |
| 9004-32-4 | Carboxymethyl cellulose | 1-5 |
| 144-55-8 | Sodium bicarbonate | 1-5 |
| 10378-23-1 | EDTA tetrasodium dihydrate | 0.1-1 |
| 77-92-9 | Citric acid | 0.1-1 |
| - | Fragrance | 0.1-1 |
| 8047-15-2 | Saponins | 0.1-1 |
| 2634-33-5 | 1,2-Benzisothiazol-3(2H)-one | 0.01-0.1 |
| 3844-45-9 | Acid Blue 9 | 0.001-0.01 |
| 1934-21-0 | Acid Yellow 23 | 0.001-0.01 |

4 First aid measures

· Description of first aid measures**After inhalation:**

If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

If experiencing respiratory symptoms: Call a poison center/doctor.

After skin contact:

Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

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• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:**

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

May cause respiratory irritation.

• **Indication of any immediate medical attention and special treatment needed:**

Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

• **Suitable extinguishing agents:**

Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

• **Special hazards arising from the substance or mixture:**

May form corrosive/allergic dust/ vapor in air under fire.

• **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**

Cut off leakage source and collect spillage timely if safe do it.

Ensure adequate ventilation.

Wear protective gloves/eye protection/ face protection.

Use respiratory protective device against the effects of dust.

Avoid breathing dust.

Avoid release to the environment.

• **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• **Methods and material for containment and cleaning up:**

Use any feasible mechanical means (e.g. vacuum, sweeping) but avoid dusting during clean-up.

Ensure well ventilation.

Dispose contaminated material as waster according to item 13.

7 Handling and storage

• **Handling**

• **Precautions for safe handling:**

Read label before use.

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Ensure well ventilation at workplace.

Wear protective gloves/eye protection/ face protection.

Use respiratory protective device against the effects of dust.

Avoid breathing dust.

Prevent contact with skin and eyes.

Avoid release to the environment.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **Conditions for safe storage, including any incompatibilities**

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

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

Keep out of reach of children.

• **Further information about storage conditions:**

Store locked up.

8 Exposure controls/personal protection

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

| CAS No. | Composition | OSHA PEL | NIOSH REL | ACGIH TLV | Cal/OSHA PEL |
|---------|-------------|--|-----------|-----------|--|
| 56-81-5 | Glycerin | 15 mg/m ³ (total dust), 5 mg/m ³ (respirable) TWA | - | - | 10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) TWA |

• **Additional information:**

The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

• **Personal protective equipment:**

• **Breathing equipment:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Protection of hands:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

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• **Eye protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Body Protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **Appearance:**

| | |
|--|--|
| Form | Solid |
| Color | Green |
| Odor | Weak odor |
| Odor threshold | Not determined |
| • pH-value | Not determined. |
| • Change in condition | |
| Melting point/melting range | Not determined. |
| Boiling point and boiling range | Not determined. |
| • Freezing point | Not determined. |
| • Flash point | Not applicable |
| • Flammability | Not flammable solid |
| • Decomposition temperature | Not determined. |
| • Self-ignition | Not determined. |
| • Danger of explosion | Product dose not present explosive hazard. |
| • Explosion limits | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| • Oxidizing properties | Not oxidizing agent |
| • Vapor pressure | Not determined. |
| • Density | Not determined. |
| • Relative density | Not determined. |
| • Vapor density | Not determined. |
| • Evaporation rate | Not determined. |
| • Solubility in/Miscibility with | |
| Water | Not determined. |
| • Partition coefficient (n-octanol/water) | Not applicable |

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· **Viscosity**

| | |
|--------------------------|-----------------|
| Dynamic | Not applicable |
| Kinematic | Not applicable |
| Other information | Not determined. |

10 Stability and reactivity

· **Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

· **Chemical stability:**

Stable under recommended storage conditions.

· **Possibility of hazardous reactions:**

No known hazardous reaction.

· **Conditions to avoid:**

High temperature.

· **Incompatible materials:**

Strong acids, strong oxidizing agents.

· **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

· **Acute toxicity:**

Non-toxic chemical.

LD50/LC50 values relevant for classification:

85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

| | | |
|-----|-----------------|-----------------------|
| Rat | LD50-oral | 20790mg/kg |
| | LC50-inhalation | >52 mg/l (dust/ mist) |

| | | |
|--------|-----------|-----------|
| Rabbit | LD50-skin | 6300mg/kg |
|--------|-----------|-----------|

9004-82-4 Sodium laureth sulfate

| | | |
|-----|-----------|-----------|
| Rat | LD50-oral | 1600mg/kg |
|-----|-----------|-----------|

Remark: All the above data are from literature.

· **Primary irritant effect**

· **Skin corrosion/irritation:**

Irritant to skin.

· **Serious eyes damage/ irritation:**

Corrosive to eyes.

· **Sensitization:**

Sensitive to skin or respiratory.

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• **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations: Corrosive; sensitive.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

| | | |
|-----------|-------------|---|
| 3844-45-9 | Acid Blue 9 | 3 |
|-----------|-------------|---|

• **NTP (National Toxicology Program):**

None of the ingredients is listed.

12 Ecological information

• **Toxicity:**

| LC50/EC50/NOEC values relevant for classification: | |
|--|--|
| 85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | |
| Short-term toxicity to fish | LC50 (4 days) 3.6 mg/L NOEC (4 days) 1.8 mg/L |
| Long-term toxicity to fish | NOEC (42 days) 1.357 mg/L |
| Short-term toxicity to aquatic invertebrates | EC50 (48 h) 4.7 mg/L NOEC (48 h) 2.5 mg/L |
| Long-term toxicity to aquatic invertebrates | NOEC (21 days) 140 - 1 200 µg/L |
| Toxicity to aquatic algae and cyanobacteria | EC50 (72 h) 20 mg/L NOEC (72 h) 5.4 mg/L |
| Toxicity to microorganisms | EC50 (3 h) 135 mg/L |
| 61789-40-0 Cocamidopropyl betaine | |
| Short-term toxicity to fish | LC50 (4 days) 2 mg/L |
| Short-term toxicity to aquatic invertebrates | EC50 (48 h) 6.4 mg/L |
| Long-term toxicity to aquatic invertebrates | NOEC (21 days) 900 µg/L |
| Toxicity to aquatic algae and cyanobacteria | EC50 (48 h) 30 mg/L |
| Toxicity to microorganisms | EC50 (16 h) 3g/L |

• **Persistence and degradability:**

| | | |
|------------|---|--|
| 85586-07-8 | Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Readily biodegradable according to OECD criteria: 90% after 28 days (OECD 301 D). |
| 61789-40-0 | Cocamidopropyl betaine | Readily biodegradable in water |

• **Bio-accumulative potential:**

| | | |
|------------|---|-----------------|
| 85586-07-8 | Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Log Pow= -2.42 |
| 61789-40-0 | Cocamidopropyl betaine | Log Pow = -1.28 |

• **Mobility in soil:**

| | | |
|------------|---|----------------|
| 85586-07-8 | Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Log Koc = 2.5 |
| 61789-40-0 | Cocamidopropyl betaine | Log Koc= 1.812 |

• **Additional ecological information**

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• **Other adverse effects:**

No known other adverse effects.

13 Disposal consideration

• **Waste treatment methods**

• **Recommendation:**

Must not be disposed together with household garbage.

• **Un-cleaned packaging**

• **Recommendation:**

Dispose of contents/container in according to the local regulation.

14 Transport information

• **DOT-DGR**

This product is not subject to DOT-DGR.

• **IMO/IMDG (40-20)**

This product is not subject to IMO/IMDG code.

• **IATA-DGR (64th)**

This product is not subject to IATA-DGR.

15 Regulatory information

• **Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Sara**

• **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

• **TSCA (Toxic Substances Control Act):**

| | | |
|-------------|---------------------------------|--------|
| 7732-18-5 | Water | Listed |
| 25213-24-5 | Polyvinyl alcohol | Listed |
| 68439-57-6 | Sodium C14-16 olefin sulfonate | Listed |
| 56-81-5 | Glycerin | Listed |
| 68-04-2 | Sodium citrate | Listed |
| 61789-40-0 | Cocamidopropyl betaine | Listed |
| 68155-09-9 | Cocamidopropylamine oxide | Listed |
| 9004-82-4 | Sodium laureth sulfate | Listed |
| 61789-19-3 | Amides, coco | Listed |
| 110615-47-9 | Poly(laurylglucoside)-7 | Listed |
| 51981-21-6 | Tetrasodium glutamate diacetate | Listed |
| 9004-32-4 | Carboxymethyl cellulose | Listed |
| 144-55-8 | Sodium bicarbonate | Listed |
| 77-92-9 | Citric acid | Listed |
| 2634-33-5 | 1,2-Benzisothiazol-3(2H)-one | Listed |

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| | | |
|-----------|----------------|--------|
| 3844-45-9 | Acid Blue 9 | Listed |
| 1934-21-0 | Acid Yellow 23 | Listed |

• Proposition 65

• Chemicals known to cause cancer:
None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

• Washington, WAC 173-334-130 (CHCC):
None of the ingredients is listed.

• Chemicals of Concern, published by Maine DEP on July, 2015:
None of the ingredients is listed.

• Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:
None of the ingredients is listed.

• High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:
None of the ingredients is listed.

• Carcinogenicity categories

• EPA (Environmental Protection Agency):
None of the ingredients is listed.

• TLV (Threshold Limit Value established by ACGIH):
None of the ingredients is listed.

• NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients is listed.

• OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

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IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet