



Safety Data Sheet

Section 1: Identification

Product Identifier

Detergent

Product Name

Trade Name: SPLASH Car Wash Concentrate

PN (Part number): 125115

Relevant identified uses of the substance or mixture and uses advised against

- Material for industrial applications
- Industrial and professional use
- Consumer end use

Details of the supplier of the safety data sheet

Manufacturer

SPLASH Products
51 E. Maryland Ave.
St. Paul, MN 55117
Phone: (651) 489-8211

Emergency telephone number

1-800-535-5053

Section 2: Hazard(s) Identification

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

Serious eye damage/eye irritation, Irritant 2A

GHS label elements

Hazard pictograms



Signal word-WARNING

Hazard statements

Causes serious eye irritation

Precautionary statements

Prevention

Wash thoroughly after handling. Wear protective gloves. Wear eye/face protection.

Response

IF ON SKIN (or hair): Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF EXPOSED or CONCERNED:

Immediately call a POISON CENTER or a doctor/physician.

Storage

Store away from incompatible materials.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified

Toxic to aquatic life.

Section 3: Composition/Information on Ingredients

Substance/mixture:Mixture

Chemical name: N/A

Other means of identification: No

CAS number/other identifiers

Ingredient name	%	CAS number
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts	1-2	68439-57-6

Section 4: First Aid Measurements

Description of necessary first aid measures

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if symptoms persist.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

Inhalation

N/A.

Skin contact

Irritation, itching, dermatitis.

Ingestion

Irritation to mucous membranes.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

Specific treatments

N/A

Protection of first-aiders

N/A

See toxicological information (Section 11)

Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Not applicable, non-combustible.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire. Not applicable, non-combustible.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Hazardous thermal decomposition products/Products of combustion

No data available.

Special protective actions for fire fighters

Move containers from fire area if you can do so without risk.

Special protective equipment for fire-fighters

None (non-combustible).

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions

Methods and materials for containment and cleaning up:

This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

Section 7: Handling and Storage

Precautions for safe handling

Protective measures, advice on general occupational hygiene and conditions for safe storage, including any incompatibilities:

Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
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No exposure limits noted for ingredient(s).

Appropriate engineering controls and Environmental exposure controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye/face protection: Use chemical safety goggles.

Skin protection

Hand protection and Body protection: Use protective gloves made of: Nitrile. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Butyl rubber. Viton rubber (fluor rubber). Suitable gloves can be recommended by the glove supplier.

Other skin protection

Wear appropriate chemical resistant clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Respirator Type(s) (NIOSH Approved): If the exposure limit is exceeded and engineering controls are not feasible, a half face piece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full face piece particulate respirator (NIOSH type N100 filter) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, Glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full face piece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in Oxygen-deficient atmospheres.

Section 9: Physical and Chemical Properties

Appearance

Physical state: Orange liquid

Odor: Slight soapy

Odor threshold: Not Available

pH: 8.5 – 9.5

Specific Gravity: 1.002

Melting point: Not Available

Boiling point: Not Available

Flash point: Not Applicable

Evaporation rate (BuAc=1): Not Available

Flammability (solid, gas): No

Lower and upper explosive (flammable) limits: Not Applicable

Vapor pressure: Not Available

Vapor density (Air=1): Not Applicable

Solubility: Soluble in water

Partition coefficient: n-octanol/water: Not Applicable

Auto-ignition temperature: Not Applicable

Decomposition temperature: Not Established

Viscosity: Not determined

VOC%: 0

Section 10: Stability and Reactivity

Reactivity

Stable under recommended storage conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Will not occur.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No hazardous decomposition products are known.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Results
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts	Acute toxicity, oral (male rat)	LD50 = 2,079-2,340 mg/kg
	Acute toxicity, dermal	LD50 = 6,300-160,000 mg/kg
	Acute toxicity, inhalation (rat)	LC50 Rat: 52-206 mg/L

Summary Comments:

Sensitization

Product/ingredient name	Test	Results	Basis
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts		This product is not expected to cause skin sensitization.	

Summary Comments:

Carcinogenicity

Product/ingredient name	Test	Results	Basis
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts		This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

Summary Comments:

Specific target organ toxicity (single exposure)

Product/ingredient name	Test	Results	Basis
Sulfonic Acids, C14-16-alkane Hydroxy and			

C14-16-alkene, Sodium Salts	STOT-one-time exposure-oral	Not classified
	STOT-one-time exposure-dermal	Not classified
	STOT-one-time exposure-inhalation	Not classified

Summary Comments:

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Test	Results	Basis
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts		Not classified	

Summary Comments:

Aspiration hazard

Product/ingredient name	Test	Results	Basis
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts		Not classified	

Summary Comments:

Information on the likely routes of exposure

Potential acute health effects

Eye contact: Causes serious eye damage.

Inhalation: Not an aspiration hazard.

Skin contact: Causes skin irritation.

Ingestion: Tests involving acute exposure of rats, mice, and rabbits have demonstrated to have low acute toxicity from oral exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Eye irritation.

Inhalation: None.

Skin contact: Skin irritation.

Ingestion: May irritate the gastrointestinal tract.

Potential chronic health effects (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

Carcinogenicity: No known carcinogens.

Mutagenicity: No data available.

Teratogenicity: No data available.

Developmental effects: No data available.

Fertility effects: No data available.

Numerical measures of toxicity

Acute toxicity estimates

Not determined.

Section 12: **Ecological Information**

Toxicity

Acute Fish toxicity: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

LC50 - Danio rerio (Zebrafish) – 3.5-5 mg/l - 96 h

Acute toxicity for daphnia: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

EC50 - Daphnia magna (Water flea) – 4.53 mg/l – 48 h

Acute toxicity for algae: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

EC50 - Scenedesmus capricornutum (fresh water algae) – 3.2-5.2 mg/L - 72 h

Acute bacterial toxicity: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

No data available.

Ecotoxicology Assessment: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

Material is expected to be toxic to aquatic life.

Persistence and degradability

Biodegradability: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

This product is expected to be readily biodegradable.

Stability in water: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

No data available.

Photodegradation: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

No data available

Volatility (Henry's Law constant): (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

Partition coefficient n-octanol/water (log K_{ow}) = No data available

Bioaccumulative potential

Bioaccumulation: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

No data available

Mobility in soil: (Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts)

Distribution among environmental compartments:

No data available

Other adverse effects:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal Considerations

Disposal methods

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

Section 14: Transport Information

UN Number: N/A

DOT Proper Shipping Name: Not regulated

Exemptions: Not regulated

Transport hazard Class(es): N/A

Packing Group: N/A

Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)

Transport Hazard Class(es): N/A

Maritime Transport IMDG/GGVSea

Transport Hazard Class(es): N/A

Marine Pollutant: N/A

Air Transport ICAO-TI and IATA-DGR

Transport Hazard Class(es): N/A

Section 15: Regulatory Information

Chemical Inventory Status-Part 1

Ingredient (CAS#)	TSCA	EC	Japan	Australia
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts (68439-57-6)	Yes	Yes	Yes	Yes

Chemical Inventory Status-Part 2

Ingredient (CAS#)	Korea	Canada	Canada	Philippines
		DSL	NDSL	
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts (68439-57-6)	Yes	Yes	No	Yes

Federal, State & International Regulations-Part 1

Ingredient (CAS#)	SARA 302		SARA 313	
	RQ	TPQ	List Chemical	Category
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts (68439-57-6)	No	No	Not Regulated	Not Regulated

Federal, State & International Regulations-Part 2

Ingredient (CAS#)	RCRA		TSCA
	CERCLA	261.33	8(d)
Sulfonic Acids, C14-16-alkane Hydroxy and C14-16-alkene, Sodium Salts (68439-57-6)	Not listed	N/A	Exempted

Chemical Weapons Convention: No

TSCA 12b: No

SARA 311/312:

Acute: Yes, Chronic: No, Fire: Yes, Pressure: No, Reactivity: No

Mixture/Liquid

Australian Hazchem Code: No information found

Poison Schedule: No information found

Section 16: Other Information

History

Date of issue: 1/11/2016

Version: 1a

Revised Sections(s): New

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.