Safety Data Sheet

Section 1: Identification

Product Identifier

Detergent

Product Name

Trade Name: SPLASH Glass Cleaner

PN (Part number): 234639

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

FMP

1380 Corporate Center Curve, Suite 200

Eagan, MN 55121

Phone: (888) 784-0208

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

Health Hazards

Serious Eye Damage/Irritation, Category 1

GHS label elements

Hazard pictograms

Signal word-DANGER

Hazard statements

Causes serious eye damage

Precautionary statements

Prevention

Wear eye protection/face protection.

Response

IF ON SKIN (or hair): Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.

IF IN EYES: Rinse cautiously with water for 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

IF EXPOSED or CONCERNED:

Immediately call a POISON CENTER or a doctor/physician if you feel unwell.

Storage

No special storage conditions needed.

Disposal

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

Hazards not otherwise classified

Product is stable.

Section 3: Composition/Information on Ingredients

Substance/mixture: Mixture

Chemical name: Surfactant Blend

Other means of identification: No

CAS number/other identifiers

Ingredient name	%	CAS number
Surfactant Blend	2-4	Proprietary

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 30 minutes. Cold water may be used. Get medical attention immediately.

Inhalation: Bring accident victims out into the fresh air. Call a physician immediately in severe cases or if recovery is not rapid.

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

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

Causes serious eye damage.

Inhalation

Sore throat, shortness of breath, coughing and congestion.

Skin contact

Not expected to be irritating.

Ingestion

Irritation to mucous membranes.

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

Notes to physician

Exposure may aggravate acute or chronic asthma, emphysema and bronchitis.

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

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Unsuitable extinguishing media

None known

Specific hazards arising from the chemical

Not considered to be a fire hazard. May be combustible at high temperature.

Hazardous thermal decomposition products/Products of combustion

Products of combustion are carbon oxides (CO, CO_2), nitrogen oxides (NO, NO_2…), halogenated compounds.

Special protective actions for fire fighters

Do not release runoff from fire control methods to sewers or waterways.

Special protective equipment for fire-fighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Environmental precautions

Methods and materials for containment and cleaning up:

Dilute with water and mop up. Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust. Absorb neutralized caustic residue on clay, vermiculite or other inert substance and package in a suitable container for disposal.

Section 7: Handling and Storage

Precautions for safe handling

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

Avoid contact with eyes. No not ingest. Wash thoroughly after handling. Keep container tightly closed. Keep container in cool, well-ventilated area. Segregate from acids and oxidizers.

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Surfactant Blend	None established

Appropriate engineering controls and Environmental exposure controls

A system of local and / or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Individual protection measures

Hygiene measures

Wash hands after use.

Eye/face protection: Use chemical safety goggles.

Skin protection

Hand protection and Body protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Other skin protection

None

Respiratory protection (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: Citrus

Odor threshold: Not determined

pH: 10.5

Melting point: Not determined

Boiling point: Not determined

Flash point: Not Applicable

Evaporation rate: Not Applicable

Flammability (solid, gas): Not Applicable

Lower and upper explosive (flammable) limits: Not Applicable

Vapor pressure: Not Applicable

Vapor density: Not Applicable

Solubility: Soluble in water

Partition coefficient: n-octanol/water: Not Established

Auto-ignition temperature: Not Applicable

Decomposition temperature: Not Established

Viscosity: Not determined

VOC%: 0.15

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

Avoid excessive heat, or open flame.

Incompatible materials

Strong acids

Oxidizing agents

Hazardous decomposition products

Will not occur.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Results
Surfactant blend	Acute toxicity, oral (male rat)	LD50 = >2000 mg/kg
	Acute toxicity, dermal	No Data Available
	Acute toxicity, inhalation (rat)	No Data Available

Summary Comments:

Sensitization

Product/ingredient name	Test	Results	Basis
Surfactant blend		Causes eye damage	

Summary Comments:

Carcinogenicity

Product/ingredient name	Test	Results	Basis
Surfactant blend		No known carcinogenic effects	

Summary Comments:

Specific target organ toxicity (single exposure)

Product/ingredient name	Test	Results	Basis
Surfactant blend	STOT-one-time exposure	Data not available	

Summary Comments:

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Test	Results	Basis
Surfactant blend	STOT-one-time exposure	Data not available	

Summary Comments:

Aspiration hazard

Product/ingredient name	Test	Results	Basis
Surfactant blend		Data not available	

Summary Comments:

Information on the likely routes of exposure

Inhalation may irritate the respiratory tract. Ingesting may irritate the gastrointestinal tract. Mist may irritate eye, lens or cornea.

Potential acute health effects

Eye contact: Causes serious eye damage.

Inhalation: Inhalation may irritate the respiratory tract.

Skin contact: Not expected to be a skin irritant.

Ingestion: May irritate the gastrointestinal tract.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Eye damage.

Inhalation: Upper respiratory tract irritation.

Skin contact: Not expected to be a skin irritant.

Ingestion: May irritate the gastrointestinal tract.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: The product will cause eye damage.

Potential delayed effects: Prolonged contact may cause mild skin irritation.

Long term exposure

Potential immediate effects: The product will cause eye damage.

Potential delayed effects: Not known

Potential chronic health effects (Surfactant Blend)

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

No data available.

Section 12: Ecological Information

Toxicity

Acute Fish toxicity: (Surfactant Blend)

96 hour LC50 12.2 mg/L

Species: Zebrafish

96 hour LC50 2.5 mg/L

Species: Guppy

Acute toxicity for daphnia: (Surfactant Blend)

No data available.

Acute toxicity for algae: (Surfactant Blend)

No data available.

Acute bacterial toxicity: (Surfactant Blend)

No data available.

Ecotoxicology Assessment: (Surfactant Blend)

Expected to be toxic to aquatic organisms.

Persistence and degradability

Biodegradability: (Surfactant Blend)

No data available.

Stability in water: (Surfactant Blend)

N/A

Photodegradation: (Surfactant Blend)

No data available

Volatility (Henry's Law constant): (Surfactant Blend)

The mixture is considered as non-volatile from water.

Bioaccumulative potential

Bioaccumulation: (Surfactant Blend)

No data available.

Mobility in soil: (Surfactant Blend)

Distribution among environmental compartments:

No data available

Other adverse effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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: Not applicable

UN Proper Shipping Name: Not regulated

Packing Group: Not applicable

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: No

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
Surfactant Blend (Proprietary)	Yes	Yes	Yes	Yes

Chemical Inventory Status-Part 2

Ingredient (CAS#)	Korea	Canada	Canada	Philippines
		DSL	NDSL	
Surfactant Blend (Proprietary)	Yes	No	No	Yes

Federal, State & International Regulations-Part 1

	SARA 302		SARA 313	
Ingredient (CAS#)	RQ	TPQ	List Chemical	Category
Surfactant Blend (Proprietary)	No	No	No	No

Federal, State & International Regulations-Part 2

	RCRA		TSCA
Ingredient (CAS#)	CERCLA	261.33	8(d)
Surfactant Blend (Proprietary)	Not Listed	No	No

Chemical Weapons Convention: No

TSCA 12b: No

CDTA: No

SARA 311/312:

Acute: Yes, Chronic: No, Fire: No, 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: 04/27/2018

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Revised Sections(s): New with part number and precautionary statement updated

Prepared by: SPLASH products technical services

Notice to reader

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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.