



Safety Data Sheet

Issue Date: 26-Apr-2019

Revision Date: 01-May-2019

Version 1

1. IDENTIFICATION

Product identifier

Product Name SPLASH Multi-Purpose Pressure Wash 20:1

Other means of identification

SDS #/Part # 620017-48, 420017-35

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning agent.

Details of the supplier of the safety data sheet

Manufacturer Address

FMP
1380 Corporate Center Curve, Suite 200
Eagan, MN 55121
Phone: 888-784-0802

Emergency telephone number

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

2. HAZARDS IDENTIFICATION

Appearance Green liquid

Physical state Liquid

Odor None

Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dusts or mists
Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor

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 or doctor

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Immediately call a POISON CENTER or doctor

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Isopropyl Alcohol	67-63-0	<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

General Advice	Provide this SDS to medical personnel for treatment.
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 or doctor/physician.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center or doctor/physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion	Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms	Causes severe skin burns and eye damage.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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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 Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m ³	(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

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 Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Wear protective gloves and protective clothing. 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	None
Appearance	Green liquid	Odor Threshold	Not determined
Color	Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	13.00	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid - Not Applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	1.024	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	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** Causes severe eye damage.**Skin Contact** Causes severe skin burns.**Inhalation** Do not inhale.**Ingestion** Do not ingest.**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quaternary Cocoalkylamine Ethoxylate 61791-10-4	= 580 mg/kg (Rat)	-	-
Potassium hydroxide 1310-58-3	= 284 mg/kg (Rat)	-	-
Sodium Silicate 1344-09-8	= 1960 mg/kg (Rat)	> 4640 mg/kg (Rabbit)	-
Isopropyl Alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h

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****Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0		Group 3		X

Legend*IARC (International Agency for Research on Cancer)**Group 3 - Not Classifiable as to Carcinogenicity in Humans**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 29,000.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

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.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Potassium hydroxide 1310-58-3		80: 96 h <i>Gambusia affinis</i> mg/L LC50 static	
Sodium Silicate 1344-09-8		3185: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 301 - 478: 96 h <i>Lepomis macrochirus</i> mg/L LC50	216: 96 h <i>Daphnia magna</i> mg/L EC50
Isopropyl Alcohol 67-63-0	1000: 96 h <i>Desmodesmus</i> <i>subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50 11130: 96 h <i>Pimephales</i> <i>promelas</i> mg/L LC50 static	13299: 48 h <i>Daphnia magna</i> mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Isopropyl Alcohol 67-63-0	0.05

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
Isopropyl Alcohol 67-63-0	Toxic Ignitable

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	X	X	X		X	X	X	X
Quaternary Cocoalkylamine Ethoxylate	X	X		X	X	X	X	X
Ethanol, 2,2'-iminobis-, N-[3-(branched decyloxy)propyl]	X	X	X		X		X	X
Potassium hydroxide	X	X	X	X	X	X	X	X
Sodium Silicate	X	X	X	X	X	X	X	X
Tetraammonium Ethylenediaminetetraacetate	X	X	X		X	X	X	X
Isopropyl Alcohol	X	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

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium hydroxide 1310-58-3	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)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania

Potassium hydroxide 1310-58-3	X	X	X
Isopropyl Alcohol 67-63-0	X	X	X
16. OTHER INFORMATION			

NFPA**Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal Protection

Not determined

Issue Date:

26-Apr-2019

Revision Date:

01-May-2019

Revision Note:

New format

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

ADDITIONAL PRODUCT INFORMATION DISCLOSURE
20:1 Multi-Purpose Pressure Wash Detergent

CAS#	Raw Material	Functional Purpose	List of Concern	Links to Lists of Concern
7732-18-5	Water			
34398-01-1	Poly(oxy-1,2-ethanediy)l- a-undecyl-w-hydroxy-	Surfactant	EU Respiratory Sensitizers EU CMR EU Respiratory Sensitizers	https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
61291-10-4	Quaternary ammonium compounds, coco	Surfactant	EU CMR EU Respiratory Sensitizers	https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
68478-65-9	Ethanol, 2,2'-iminobis-, N-[3-(branched	Surfactant	EU Fragrance Allergens EU Respiratory Sensitizers	https://echa.europa.eu/health/sites/health/files/endoctrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
1310-58-3	Potassium Hydroxide	pH Modifier	EU Respiratory Sensitizers EU CMR	https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
1344-09-8	Silicic acid, sodium salt; Sodium silicate	Corrosion Inhibitor	EU Respiratory Sensitizers	https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
22473-78-5	Tetrammonium salt of ethylenediaminetetraacetic acid	Chelating agent	IARC Carcinogens EU Respiratory Sensitizers	https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://monographs.iarc.fr/list-of-classifications https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
67-63-0	Propanol, 2-	Surfactant	EU Fragrance Allergens IARC Carcinogens EU Respiratory Sensitizers EU CMR	https://echa.europa.eu/health/sites/health/files/endoctrine_disruptors/docs/cosmetic_1223_2009_regulation_en.pdf https://monographs.iarc.fr/list-of-classifications https://echa.europa.eu/information-on-chemicals/cl-inventory-database?p_id=discinventory WAR discinventoryportlet& p_lifecycle=0& p_state=normal& p_mode=view& p_col_id=column-1& p_col_pos=1& p_col_count=2 https://echa.europa.eu/growth/sectors/cosmetics/products/cmr-substances_en
7772-84-1	Hydrogen Peroxide	Surfactant		
*1115323	L85015 Liquidit Blue HP	Dye		
*1115312	L81021 Liquidit Bright Yellow	Dye		
	decyloxypropyl] derivs., N-oxides			
	alkylbis[hydroxyethyl]methyl, ethoxylated, chlorides			

*WERKS NUMBER