



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. |
|-----------------|--|

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 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 Gambusia affinis mg/L LC50 static | |
| Sodium Silicate 1344-09-8 | | 3185: 96 h Brachydanio rerio mg/L LC50 semi-static 301 - 478: 96 h Lepomis macrochirus mg/L LC50 | 216: 96 h Daphnia magna mg/L EC50 |
| Isopropyl Alcohol 67-63-0 | 1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static | 13299: 48 h Daphnia magna 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

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

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 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 |
| 7772-84-1 | Hydrogen Peroxide | Surfactant | EU Fragrance Allergens IARC Carcinogens EU Respiratory Sensitizers | 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 |
| *1115323 | L85015 Liquidit Blue HP | Dye | | |
| *1115312 | L81021 Liquidit Bright Yellow | Dye | | |
| | decyl(is)propyl derivs., N-oxides | | | |
| | alkyl(is)hydroxyethyl)methyl, ethoxylated, chlorides | | | |

*WERKS NUMBER