

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	ProFlush WBD-223	
Chemical Family:	Blend	
Application:	Dispersant	
Company Name:	ARC Products, INC	
Address:	4010 La Reunion Parkway	
	Suite 160	
	Dallas, TX 75212	
Telephone:	SDS and Product Information (7:00am – 4:00pm CST) Chemtrec North America	(214) 638-2468 (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification:		
OSHA Regulatory Status	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)	Skin corrosion/irritation Category 2 Serious eye damage/irritation Category 2 Carcinogenicity Category 1A	
Pictogram		
Signal word:	Danger	
Hazard statements:	H315: Causes skin irritation H319: Causes serious eye irritation H350: May cause cancer	
Precautionary statements:	Prevention P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P264: Wash face, hands and any exposed skin thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection	

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	Response P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P308: If exposed or concerned: Get medical advice/attention P330 - Rinse mouth P302+P352 - IF ON SKIN: Wash with plenty of soap and water P305+351+P338 - IF IN EYES: Rinse cautiously with water for 20 minutes Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention P361+P364 - Take off contaminated clothing and wash before reuse
	Storage P402 - Store in a dry place.
	Disposal P501 - Dispose of content/container in accordance with local regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent wt%
Alkylnapthalene sulfonate condensate	68425-94-5	1 – 30
Alcohol ethoxylate	127087-87-0	1 - 30
Clay	1332-58-7	1 – 50
Quartz	14808-60-7	0.25 - 1

4. FIRST AID MEASURES

Inhalation:	Remove from area to fresh air. If breathing is irregular or stopped administer artificial respiration. If breathing is difficult give oxygen. Get medical attention.
Skin:	Wash affected areas with plenty of water and soap if available, for 15 minutes. Remove all contaminated clothes and shoes. Wash contaminated clothing before re-use. If itching and redness persist, seek medical attention.
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. After the initial one to two minutes of flushing check for and remove contact lenses if present. Get medical attention.
Ingestion:	Do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. If a large amount is swallowed, get medical attention
Medical Conditions:	Existing skin, eye and lung conditions.
Notes to Physician:	Treat symptomatically

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5. FIRE FIGHTING MEASURES

Flashpoint (° F)	Not applicable
Products of Combustion:	COx and SOx
Flammability: Lower %	Not determined
Flammability: Upper %	Not determined
Fire Extinguishing Media:	Water spray, foam, dry chemical, carbon dioxide (CO ₂)
Special Procedures:	Use water spray to cool drums exposed to fire.
Special Protective Equipment for Fire Fighters:	Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.
NFPA Ratings:	1-1-0
HMIS Ratings:	1-1-0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Wear appropriate protective equipment to protect from dust that might be generated by the product.
Environmental Precaution:	Do not flush into surface water or sanitary sewer system.
Methods for Clean-up:	Sweep or vacuum up spillage and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Engineering controls:	Ensure that good ventilation and eye washes/safety showers are in the immediate work area.
Precautionary statements:	CAUTION! Product may cause skin, eye and respiratory tract irritation. Avoid contact with eyes, skin and clothing. Avoid generating or breathing dust. Use only with adequate ventilation. Wear chemical splash goggles, gloves and protective clothing while handling. Wash thoroughly after handling. For industrial use only.
Storage Information:	Store in a cool, dry place to prevent product from caking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Eyewash and safety shower accessible from work area.
Respiratory Protection:	Use approved NIOSH respiratory protection if TLV is exceeded or over exposure is likely.
Hand Protection:	Wear chemical resistant gloves.
Skin Protection:	Full protective clothing, chemical resistant boots and gloves.

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Eye Protection:	Wear safety glasses with side shields, goggles or face shield.
Exposure Limits:	No limits established for this product <u>Clay (1332-58-7)</u> ACGIH TLV : 2mg/m³ particulate matter OSHA PEL: TWA – 15mg/m³ total dust, 5mg/m³ respirable fraction NIOSH IDLH: TWA – 10mg/m³ total dust, 5mg/m³ respirable fraction <u>Quartz (14808-60-78)</u> ACGIH TLV : 0.025mg/m³ respirable particulate matter OSHA PEL: TWA – 50ug/m³ total dust, 0.1mg/m³ respirable fraction NIOSH IDLH: TWA – 0.05mg/m³ respirable fraction
Other Protective Measures:	Eyewash fountains and safety showers must be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	Light to medium tan
Odor:	Characteristic
pH:	8.0 – 10.5 (5%w/w in DI water)
Specific Gravity @ 20 ° C, g/ml	2.12
Density @ 20 ° C (lbs/gal):	
Boiling Point:	Not applicable
Freezing Point, ° C / ° F	Not applicable
Vapor Pressure @ 21 ° C (mm Hg)	Not applicable
Percent Volatiles:	
Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water:	Dispersible
Solubility in Solvents:	

10. STABILITY AND REACTIVITY

Stability Data:	Stable under normal conditions
Hazardous Polymerization:	Will not occur under normal conditions
Conditions to Avoid:	Dust formation

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Incompatibility (Materials to Avoid):	Strong oxidizing agents and HF
Hazardous Decomposition:	COx and SOx
Additional Guidelines:	None

11. TOXICOLOGICAL INFORMATION

Principal Route of Exposure:	Skin, eyes and respiratory tract
Inhalation:	Dust may cause irritation to the respiratory tract
Skin Contact:	Irritating to skin
Eye Contact:	Causes serious eye irritation
Ingestion:	Not determined on the formulated product
Toxicological Data	<u>Alcohol ethoxylate(127087-87-0)</u> Dermal, rabbit, LD50 - >3000mg/kg Oral, rabbit, LD50 – 3314mg/kg Not determined on the formulated product
Chronic Effects:	Not determined on the formulated product
Other Toxic Effects to Humans:	Not determined on the formulated product
Toxicity to Animals:	Not determined on the formulated product
Oral Toxicity:	Not determined on the formulated product
Dermal Toxicity:	Not determined on the formulated product
Inhalation Toxicity:	Not determined on the formulated product
Primary Irritation Effect:	Not determined on the formulated product
Carcinogenicity:	This product contains a known or suspected carcinogen. Classification is based on data available for that ingredient only and not for the formulated product. <u>Quartz (14808-60-7)</u> ACGIH: A2 IARC: Group 1 NTP: Known OSHA: X

12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air):	Not determined on the formulated product
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Toxicity of the Products of Biodegradation:	Not determined on the formulated product
Bioaccumulation:	Not determined on the formulated product
Ecotoxicological Information	Not determined on the formulated product
Acute Fish Toxicity:	Not determined on the formulated product
Acute Crustaceans Toxicity:	Not determined on the formulated product
Acute Algae Toxicity:	Not determined on the formulated product
Chemical Fate Information:	Not determined on the formulated product
Other Information:	Not determined on the formulated product

13. DISPOSAL CONSIDERATIONS

Waste Code:	
Disposal Method:	Observe all applicable federal, state, and local regulations.
Empty containers:	Empty drums should be completely drained, triple rinsed, properly bunged and promptly returned to a drum conditioner or properly disposed.

14. TRANSPORT INFORMATION

DOT	Not regulated
IMDG	
ICAO/IATA	
Labels:	N/A

15. REGULATORY INFORMATION

OSHA'S HAZARD COMMUNICATION RULE, 219 CFR 1910.1200:	
<u>US FEDERAL REGULATIONS</u>	
US TSCA Inventory Listing	All components of this product are registered in the TSCA inventory.
EPA SARA Title III: Extremely Hazardous Substances:	Substance: NA CAS: TPA (pounds): EHS-RQ (pounds):

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EPA SARA (302) Chemicals:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Compensation and Liability Act (CERCLA)(40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR 355).
EPA SARA (311/312) Classification	This product is classified as a SARA ACUTE HEALTH HAZARD.
EPA SARA (313) Chemicals:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimus) reporting levels established by SARA Title III, Section 313
EPA CERCLA Hazardous Substances (40 CFR 302):	Substance: CAS: RQ (pounds):
EPA RCRA Hazardous Waste Classification:	NA
<u>INTERNATIONAL REGULATIONS:</u>	
European Union:	Xn: N: R22: R41: R50:
Canadian DSL Inventory:	Some of the components of this product are not listed on the DLS list
Canadian NDLS Listing:	Some of the components of this product are not found on the NDLS list
Australian AICS Listing:	All of the components of this product are not listed on the AICS list
Japanese JPENCS Listing	All of the components of this product are not listed on the JPENCS list
WHMIS Hazard Class:	
EINECS Listing:	
<u>STATE REGULATIONS</u>	
California Prop. 65	<u>Components:</u> Quartz (14808-60-7) Carcinogen

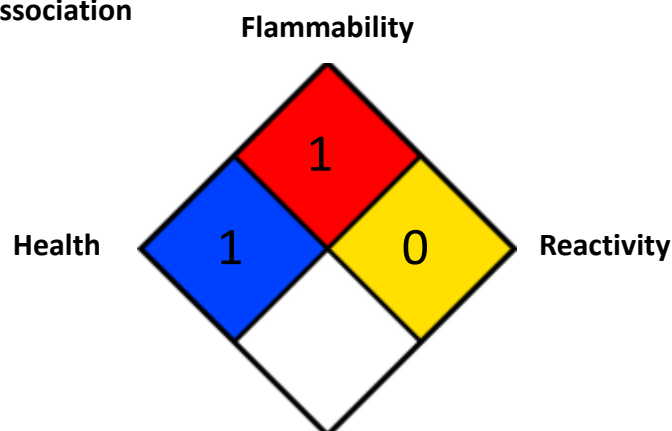
16. OTHER INFORMATION

HMIS	HEALTH	1
	FLAMMABILITY	1
	REACTIVITY	0

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PERSONAL PROTECTION

National Fire Protection Association



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 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 exists.

Signed: Mark Alexander
 Date: March 28, 2023
 Revised: 1