

Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012. Issue date: 09/30/2020 Revision date: 09/30/2020 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: PBW Powder (Low Foam)
1.2. Recommended use and restriction	
Use of the substance/mixture	: Cleaner
1.3. Supplier	
Manufacturer Urnex Brands, LLC 700 Executive Blvd. Elmsford, NY 10523 - USA T +1-914-963-2042 - F +1-914-963-2145 info@urnex.com	
1.4. Emergency telephone number	
Emergency number	: US/Canada (Infotrac): 1-800-535-5053
SECTION 2: Hazard(s) identification	on
2.1. Classification of the substance of	
GHS US classification	
Skin Irrit. 2	
Eye Irrit. 2A	
,	
2.2. GHS Label elements, including p	recautionary statements
GHS US labeling	
Hazard pictograms (GHS US)	
Signal word (GHS US)	: Warning
Hazard statements (GHS US)	: Causes skin irritation Causes serious eye irritation
Precautionary statements (GHS US)	<ul> <li>Wash hands thoroughly after handling.</li> <li>Wear protective gloves/eye protection.</li> <li>If on skin: Wash with plenty of water.</li> <li>If skin irritation occurs: Get medical advice/attention.</li> <li>Take off contaminated clothing and wash it before reuse.</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>If eye irritation persists: Get medical advice/attention.</li> </ul>
2.3. Other hazards which do not resu	It in classification
No additional information available	
2.4. Unknown acute toxicity (GHS US	
Not applicable	
SECTION 3: Composition/Informa	tion on ingradianta

## **SECTION 3: Composition/Information on ingredients**

#### 3.1. **Substances**

## Not applicable

#### 3.2. **Mixtures**

Name	Product identifier	%
Disodium carbonate	(CAS-No.) 497-19-8	60 - 80
Sodium percarbonate	(CAS-No.) 15630-89-4	10 – 30
Sodium metasilicate	(CAS-No.) 6834-92-0	1 – 3

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Name	Product identifier	%
Sodium lauryl sulphate	(CAS-No.) 68955-19-1	0.1 – 1

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	<ul> <li>IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.</li> </ul>
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms and e	ffects (acute and delayed)
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	<ul> <li>Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.</li> </ul>
Symptoms/effects after eye contact	<ul> <li>Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.</li> </ul>
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
4.3. Immediate medical attention and	special treatment, if necessary
Symptoms may be delayed. In case of accide	ent or if you feel unwell, seek medical advice immediately (show the label where possible).
SECTION 5: Fire-fighting measure	as
5.1. Suitable (and unsuitable) exting	
	norme meta

shing media
: Use extinguishing media appropriate for surrounding fire.
: Do not use water jet.
chemical
: Products of combustion may include, and are not limited to: oxides of carbon.
precautions for fire-fighters
: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
asures
equipment and emergency procedures
: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
nent and cleaning up
nent and cleaning up : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer

For further information refer to section 8: "Exposure controls/personal protection"

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Good housekeeping is important to prevent accumulation of dust.
Hygiene measures	: Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.
7.2. Conditions for safe storage, includin	g any incompatibilities
Storage conditions	: Keep out of the reach of children. Store tightly closed in a dry, cool and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

## 8.1. **Control parameters PBW Powder (Low Foam)** No additional information available Disodium carbonate (497-19-8) No additional information available Sodium percarbonate (15630-89-4) No additional information available Sodium metasilicate (6834-92-0) No additional information available Sodium lauryl sulphate (68955-19-1) No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls : Ensure good ventilation of the work station. : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear suitable gloves resistant to chemical penetration

#### Eye protection:

Wear eye/face protection

### Skin and body protection:

Wear suitable protective clothing

### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties		
1.1. Information on basic physical and chemical properties		
Physical state	: Solid	
Appearance	: Granular powder	
Color	: White	
Odor	: No data available	
Odor threshold	: No data available	
рН	: 11.29 1.13 (Acid reserve)	
Melting point	: No data available	
Freezing point	: No data available	
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Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity         10.1.       Reactivity         No dangerous reactions known under normal conditions of use.         10.2.       Chemical stability         Stable under normal conditions.         10.3.       Possibility of hazardous reactions         No dangerous reactions known under normal conditions of use.         10.4.       Conditions to avoid         Heat.       Incompatible materials.         10.5.       Incompatible materials.         10.6.       Hazardous decomposition products         May include, and are not limited to: oxides of carbon.         SECTION 11: Toxicological information         11.1.       Information on toxicological effects         Acute toxicity (oral)       : Not classified         Acute toxicity (inhalation)       : Not classified         Acute toxicity (inhalation)       : Not classified         PBW Powder (Low Foam)       Interview (Interview	No additional information available			
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LD50 oral rat 1153 mg/kg	ATE US (oral)	1034 mg/kg body weight		
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ATE US (oral) 1153 mg/kg body weight	LD50 oral rat	1153 mg/kg		
	ATE US (oral)	1153 mg/kg body weight		

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Sodium lauryl sulphate (68955-19-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
	pH: 11.29
Serious eye damage/irritation	<ul><li>1.13 (Acid reserve)</li><li>Causes serious eye irritation.</li></ul>
	pH: 11.29
Respiratory or skin sensitization	1.13 (Acid reserve) : Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Sodium metasilicate (6834-92-0)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

# SECTION 12: Ecological information

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
_oology gollolal	
Disodium carbonate (497-19-8)	
LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Sodium percarbonate (15630-89	)-4)
LC50 fish 1	70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	4.9 mg/l (Exposure time: 48 h - Species: Daphnia pulex)
Sodium metasilicate (6834-92-0	)
LC50 fish 1	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 fish 2	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

## 12.2. Persistence and degradability

PBW Powder (Low Foam)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
PBW Powder (Low Foam)		
Bioaccumulative potential	Not established.	
Disodium carbonate (497-19-8)		
BCF fish 1	(no bioaccumulation)	
Sodium percarbonate (15630-89-4)		
BCF fish 1	(no bioaccumulation)	

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## 12.4. Mobility in soil

### No additional information available

### 12.5. Other adverse effects

Other information

: No other effects known.

## SECTION 13: Disposal considerations

## 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## **SECTION 14: Transport information**

Department of Transportation (DOT) In accordance with DOT Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

## **SECTION 15: Regulatory information**

## 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

No additional information available

## 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information		
Issue date	: 09/30/2020	
Revision date	: 09/30/2020	
Other information	: None.	

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.