1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Identifier: Low Suds
SDS Number: PW4050A
Product Code: PW4050
Revision Date: 4/30/2020
Product Use: Low Suds Powdered Laundry Detergent

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral
Health, Acute toxicity, 5 Dermal
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:

GHS Hazard Statements:

H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H315 - Causes skin irritation
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/eye protection/face protection.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER/ doctor/…if you feel unwell.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P337 - If eye irritation persists: Get medical advice/attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes, Skin, Inhalation, Ingestion

Target Organs: NA

Inhalation: May cause irritation of respiratory tract

Skin Contact: Causes skin irritation

Eye Contact: Causes eye irritation

Ingestion: Can cause gastrointestinal irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:

CAS#	%	Chemical Name:
7647-14-5	30-40%	Sodium Chloride
497-19-8	10-30%	Sodium Carbonate
1318-02-1	10-30%	Zeolite
6834-92-0	5-10%	Sodium Metasilicate
68584-22-5	5-9%	Dodecylbenzene Sulfonic Acid
68439-46-3	2-5%	Alcohols, C9-11, ethoxylated

4 FIRST AID MEASURES

Inhalation: Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

Skin Contact: Flush skin with cool water. Wash the exposed area with plenty of soap and water.

Eye Contact: Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.

Ingestion: Have person drink a glass of water immediately if able to swallow. Get medical attention immediately. Do Not INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

EFFECTS OF OVEREXPOSURE

Acute: Skin: Prolonged contact may defat skin leading to irritation and dermatitis. Eyes: Causes irritation, loss on netural lubrication.

Chronic: Skin: repeated or prolonged skin contact would be expected to cause drying, cracking and inflammation of the skin. (dermatitis)

5 FIRE FIGHTING MEASURES

Flash Point: Unknown

LEL: Unknown

UEL: Unknown

Extinguishing media: Use CO2 Foam or Dry Chemical

Special Fire fighting procedures: As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear. Minimize air borne spreading of dust. Spilled material may cause floors and contact surfaces to become slippery.

Unusual Fire & Explosion Hazard: None

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes.

When workers are facing concentrations above the exposure limit they muist use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7 HANDLING AND STORAGE

Handling Precautions: Use smallest amounts possible in designated areas with adequate ventilation. Keep containers closed when not in use. Empty containers may contain hazardous residue. Avoid generateing mists. Transfer solutions using eqyuipment which is corrosion resistant. Cautiously transfer into sturdy containers made of compatible materials. Never return contaminated material to its original container. Never add water to solution, always add solution to water and provide agitation.

Storage Requirements: Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Protect from damage. Store away from incompatible materials. Avoid freezing. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits as listed in Section 3. Local exhaust is suggested for use, where possible, in enclosed or confined space.

Personal Protective Equipment: Respiratory Protection: None should be needed under normal usage as long as adequate ventilation is provided. If ventilation is not possible or inadequate and the exposure limits are exceeded, a respirator with a NIOSH/MSHA particle cartridge may be worn to 20 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. If while wearing a respirator you experience eye irritation, leave the area immediately. check to make sure the respirator to face seal is still good. If it is, replace the filter, cartridge or canister. If the seal is no longer good, you may need a new respirator. Facial hair may interfere wth the seal.

Protective gloves: Natural rubber, Nitrile rubber, PVC or Neoprene gloves and sleeves. Prior to use, user should confirm impermeability. Check equipment for any damages or holes before use. Discard any damaged equipment.

Eye protection: Safety glasses with side shields is recommended or chemical goggles if dusting is a problem. Do not wear contact lenses when working with this product.

In case of insuffiecient 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.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

If working with large quantities of this product and splashing may be possible, then wear protective clothing to guard against the splashing, including boots, apron and sleeves made from the same material as the gloves listed above. Maintain eye wash fountain and quick drench safety shower in work area. Keep all non-essential personnel away from work area.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White granules		
Physical State:	Solid	**Odor:**	Citrus
Spec Grav./Density:	1.80	**Solubility:**	100%
Boiling Point:	Unknown	**Percent Volatile:**	0%
Vapor Pressure:	Not available	**Freezing/Melting Pt.:**	Not available
pH:	12.5 to 13 (as a 1% aqueous solution)	**Flash Point:**	Unknown
Evap. Rate:	<1 (Ether=1)	**Vapor Density:**	0.012 (Air =1)
		VOC:	0%

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable at room termperature when stored and used under proper conditions.
Conditions to Avoid:	None Known.
Materials to Avoid:	None
Hazardous Decomposition:	None
Hazardous Polymerization:	None

11 TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Eyes: Irritation, eye watering, redness, pain
Skin: Irritating to dampl skin; in case of repeated contact: dry and chapped skin.
Inhalation: Irritation, coughing.
Ingestion: Irritation, nausea, vomiting, diarrhea, pain.

Medical conditions aggravated by exposure: Pre-exisitng chronic respiratory problems such as asthma. Pre-existing eye and skin diseases.

No component f this product present at levels greater thatn or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by International Agency for Research on Cancer (IARC), American Conference of Industrial Hygienists (ACGIH), National Toxicology Program (NTP) or Occupational Safety & Health Administration (OSHA),

Sodium Chloride cas#:(7647-14-5) [30-40%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 3,550 mg/kg
LC50 Inhalation - rat - 1 h - > 42,000 mg/m3
LD50 Dermal - rabbit - > 10,000 mg/kg
no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: VZ4725000

Vomiting, Diarrhoea, Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract.

Sodium Carbonate cas#:(497-19-8) [10-30%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 4,090 mg/kg
LC50 Inhalation - rat - 2 h - 5,750 mg/l
Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential

carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: VZ4050000

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting

Zeolites cas#:(1318-02-1) [10-30%]

Information on toxicological effects

Acute toxicity:
Oral LD50 LD50 Oral - rat - > 10,000 mg/kg
Inhalation LC50 Dermal LD50 LD50 Dermal - rabbit - > 2,000 mg/kg
Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - Human - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: Genotoxicity in vitro - Human - lymphocyte Cytogenetic analysis

Genotoxicity in vivo - mouse - Intraperitoneal

Carcinogenicity:
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Zeolites crystalline alumiosilicates, composed of silica (SiO_2) and alumina (Al_2O_3), in various proportions plus metallic oxides. Pr)
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: prolonged or repeated exposure can cause:, Damage to the lungs. Cough, Difficulty in breathing, Gastrointestinal disturbance, prolonged or repeated exposure can cause:, Damage to the lungs., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: ZG6800000

Sodium Metasilicate cas#:(6834-92-0) [5-10%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 1,153 mg/kg
Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - rat - Oral:
Effects on Newborn: Stillbirth. Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).
no data available

Specific target organ toxicity - single exposure: May cause respiratory irritation.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: VV9275000

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

12 ECOLOGICAL INFORMATION

BIODEGRADABILITY/AQUATIC TOXICITY: No know Aquatic Toxidity or Ecotoxicological effects.
OCTANOL/WATER PARITION COEFFICIENT: n/a
EPA HAZARDOUS SUBSTANCE? No

Sodium Chloride cas#:(7647-14-5) [30-40%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 5,840 mg/l - 96 h.
Toxicity to daphnia and NOEC - Daphnia - 1,500 mg/l - 7 d.
other aquatic invertebrates
LC50 - Daphnia magna (Water flea) - 1,661 mg/l - 48 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Sodium Carbonate cas#:(497-19-8) [10-30%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h.
Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 265 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Zeolites cas#:(1318-02-1) [10-30%]

Information on ecological effects

Toxicity:
Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Sodium Metasilicate cas#:(6834-92-0) [5-10%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.
Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of with normal garbage or to sewer systems.

14 TRANSPORT INFORMATION

D.O.T. CLASSIFICATION: Not Regulated by D.O.T.

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[30-40%] Sodium Chloride (7647-14-5) TSCA

[10-30%] Sodium Carbonate (497-19-8) TSCA

[10-30%] Zeolites (1318-02-1)

[5-10%] Sodium Metasilicate (6834-92-0) TSCA

[5-9%] Dodecylbenzene Sulfonic Acid (68584-22-5) TSCA

[2-5%] Alcohols, C9-11, ethoxylated (68439-46-3) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
N/A = Not available N/D = Not determined