

## Aluminum Wash (Rev 1-31-24)

SDS Number: PW30D

Revision Date: 1/31/2024

Page 1 of 8

1

## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Identifier:** Aluminum Wash (Rev 1-31-24)  
**SDS Number:** PW30D  
**Product Code:** PW30  
**Revision Date:** 1/31/2024

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, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Repeated exposure, 2  
Environmental, Hazards to the aquatic environment - Acute, 3  
Health, Skin corrosion/irritation, 1

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H402 - Harmful to aquatic life  
H314 - Causes severe skin and eye damage

#### 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.  
P273 - Avoid release to the environment.  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302 + P350 - 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.  
P306 + P360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

## Aluminum Wash (Rev 1-31-24)

SDS Number: PW30D

Revision Date: 1/31/2024

Page 2 of 8

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

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

<b>Route of Entry:</b>	Inhalation, skin absorption, eye
<b>Target Organs:</b>	NA
<b>Inhalation:</b>	Under normal conditions, vapor level will be too low to present inhalation hazard.
<b>Skin Contact:</b>	Causes sever skin irritation
<b>Eye Contact:</b>	Causes serious eye damage
<b>Ingestion:</b>	May be harmful if swallowed

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
6834-92-0	35-45%	Sodium Metasilicate, Pentahydrate
497-19-8	25-35%	Sodium Carbonate
7758-29-4	10-15%	Sodium Tripolyphosphate
68439-46-3	6-8%	Alcohols, C9-11

## 4 FIRST AID MEASURES

<b>Inhalation:</b>	Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.
<b>Skin Contact:</b>	Flush skin with cool water. Wash the exposed area with plenty of soap and water.
<b>Eye Contact:</b>	Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.
<b>Ingestion:</b>	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 natural 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

<b>Flash Point:</b>	Not Available
<b>Autoignition Temp:</b>	Not Available
<b>SPECIAL FIRE HAZARDS:</b>	None
<b>FIRE FIGHTING METHODS:</b>	Use CO2 Foam or Dry Chemical

## 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 must 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

**Aluminum Wash (Rev 1-31-24)**

SDS Number: PW30D

Revision Date: 1/31/2024

Page 3 of 8

**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 generating mists. Transfer solutions using equipment 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:** Ventilation Requirement: Mechanical: Where dust or mists are generated.  
**Personal Protective Equipment:** Respiratory Protection: NIOSH/MSHS approved respirator, if needed.  
Protective gloves: Rubber  
Eye protection: Splash proof goggles.

Hygienic work practices: Wash with soap and water before handling food.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White granular blend	<b>Odor:</b>	Detergent
<b>Physical State:</b>	Solid	<b>Solubility:</b>	Complete
<b>Spec Grav./Density:</b>	1.80	<b>Percent Volatile:</b>	0
<b>Boiling Point:</b>	Not available	<b>Freezing/Melting Pt.:</b>	Not available
<b>Vapor Pressure:</b>	NA	<b>Vapor Density:</b>	0.012
<b>pH:</b>	at 5% = 12.5 to 13.5		
<b>Evap. Rate:</b>	<1 (Ether=1)		

## 10 STABILITY AND REACTIVITY

**Chemical Stability:** Stable  
**Conditions to Avoid:** High moisture (Will harden compound), high temperature.  
**Materials to Avoid:** Strong oxidizing agents, acids.  
**Hazardous Decomposition:** Carbon dioxide, Carbon monoxide  
**Hazardous Polymerization:** Will not occur

## 11 TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact

### Potential Health Effects

Eyes: Causes serious eye damage Skin: Causes severe skin irritation Ingestion: May be harmful if swallowed  
Inhalation: Under normal conditions, vapor level will be too low to present inhalation hazard.

### Experience with human exposure

Eyes: Flush eyes immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes holding eye lids open.

Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

If Inhaled: Move immediately to fresh air; If breathing is difficult, administer oxygen.

Sodium Metasilicate, Pentahydrate cas#:(6834-92-0) [35-45%]

Information on toxicological effects

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Aluminum Wash (Rev 1-31-24)

---

SDS Number: PW30D

Revision Date: 1/31/2024

Page 4 of 8

## Acute toxicity:

LD50 Oral - rat - 1,153 mg/kg

Inhalation: no data available

Ingestion: Oral LD 50 for rats is 1280 mg/kg

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.

Sodium Carbonate cas#:(497-19-8) [25-35%]

## 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

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**Aluminum Wash (Rev 1-31-24)**

---

SDS Number: PW30D

Revision Date: 1/31/2024

Page 5 of 8

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.

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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

Sodium Tripolyphosphate cas#:(7758-29-4) [10-15%]

**Information on toxicological effects**

**Acute toxicity:**

Oral LD50 LD50 Oral - rat - 3,900 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - 4,640 mg/kg

Other information on acute toxicity

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

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

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.

**Aluminum Wash (Rev 1-31-24)**

SDS Number: PW30D

Revision Date: 1/31/2024

Page 6 of 8

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):  
no data available

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. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Gastrointestinal disturbance, 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: YK4570000

12

**ECOLOGICAL INFORMATION**

Sodium Metasilicate, Pentahydrate cas#:(6834-92-0) [35-45%]

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

Sodium Carbonate cas#:(497-19-8) [25-35%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h.

**Aluminum Wash (Rev 1-31-24)**

SDS Number: PW30D

Revision Date: 1/31/2024

Page 7 of 8

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

Sodium Tripolyphosphate cas#:(7758-29-4) [10-15%]

Information on ecological effects

Toxicity:  
Toxicity to daphnia EC50 - Daphnia - 276.61 mg/l - 48 h.  
and other aquatic invertebrates

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

**13****DISPOSAL CONSIDERATIONS**

Dispose of according to local, state or federal regulations.  
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**

Proper Shipping Name: Not Regulated

**15****REGULATORY INFORMATION**

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

[35-45%] Sodium Metasilicate, Pentahydrate (6834-92-0) TSCA

[25-35%] Sodium Carbonate (497-19-8) TSCA

[10-15%] Sodium Tripolyphosphate (7758-29-4) TSCA

[6-8%] Alcohols, C9-11 (68439-46-3) TSCA

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**Aluminum Wash (Rev 1-31-24)**

SDS Number: PW30D

Revision Date: 1/31/2024

Page 8 of 8

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

Revision Date: 1/31/2024