

# SAFETY DATA SHEET ALUM-A-BRITE

VERSION 2.1



REVISION DATE 05/24/2016

Material name : **Alum-A-Brite**  
Product Use : Aluminum Cleaner  
Restrictions on Use : Only use product as outlined on label

## MANUFACTURER OR SUPPLIER'S DETAILS

Company : Power Line Industries, Inc.  
Address : 14773 Heritage Crest Way  
Riverton, UT 84065  
Telephone : 801-545-0777

### EMERGENCY TELEPHONE NUMBERS

For SDS Information	:	Compliance Services 1-866-624-8186
For a Medical Emergency	:	1-800-222-1222 or DIAL 911
For a Transportation	:	ChemTel, Inc. 1-800-255-3924

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communications Standard (GHS – Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

## SECTION 2. HAZARDS IDENTIFICATION

### Emergency Overview

Appearance	Liquid
Color	Clear
Odor	Acid Odor

### GHS Classification

Acute Toxicity (oral) : Category 4  
Eye irritation : Category 2A  
Carcinogenicity : Category 2  
Specific target organ toxicity – single exposure : Category 3 (Respiratory system)

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**GHS Label Element**

Hazard Pictograms



Signal word

: **Danger**

Precautionary Statements

: H314 Causes severe skin burns and eye damage.  
**Prevention:**  
P264 Wash skin thoroughly after handling  
P280 Wear protective gloves / protective clothing / eye protection / face protection  
**Response:**  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor / physician.  
P305 + P351 + P338 + P310 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 / physician.  
P363 Wash contaminated clothing before reuse.  
**Storage:**  
P405 Store locked up in a cool dry area away from strong acids. Keep container closed when not in use.  
**Disposal:**  
Neutralize ph to 6-9 using suitable alkali material.  
Dispose of contents/container in accordance with local regulation.

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## Potential Health Effects

### 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.
- 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.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or anticipated carcinogen by NTP.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous Components

Chemical Name	CAS-No.	Concentration [%]
Phosphoric Acid	7664-38-2	*
Butoxy Ethanol (Butyl Celloslove)		

\*Exact concentrations withheld as trade secret

## SECTION 4. FIRST AID MEASURES

- General advice** : Do not leave the victim unattended
- If inhaled** : If unconscious, place in recovery position and seek medical advice.  
If systems persist, call a physician
- In case of skin contact** : Take off contaminated clothing and shoes immediately.  
Get medical attention if irritation develops and persists.  
Wash off immediately with plenty of water for at least 15 minutes.
- In case of eye contact** : Remove contact lenses.  
Protect unharmed eye.

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**If swallowed** : If eye irritation persists, consult a specialist.  
If in eyes, rinse with water for 15 minutes.  
: Keep respiratory tract clear.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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## SECTION 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Dry chemical  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam

**Unsuitable extinguishing media** : High volume water jet

**Specific hazards during firefighting** : Do not allow run-off from fire fighting to enter drains or water courses

**Hazardous combustion products** : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Smoke

**Specific extinguishing methods** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Further information** : Material is corrosive to skin and metal.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective equipment for firefighters** : Wear self-contained breathing apparatus for firefighting if necessary.  
Contact with extreme heat may generate toxic fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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- |  |   |  |
|--|---|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | : | Use personal protective equipment.<br>Ensure adequate ventilation.<br>Refer to protective measures listed in sections 7 and 8.   |
| <b>Environmental precautions</b>   | : | Prevent further leakage or spillage if safe to do so.<br>Prevent product from entering drains.<br>If the product contaminates rivers and lakes or drains inform respective authorities.  |
| <b>Methods and materials for containment and cleaning up</b>               | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Sweep up or vacuum up spillage and collect in suitable container for disposal. |

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## SECTION 7. HANDLING AND STORAGE

- |                                    |   |   |
|------------------------------------|---|---|
| <b>Advice on safe handling</b>     | : | For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Avoid contact with skin and eyes.<br>Avoid exposure – obtain special instructions before use. |
| <b>Conditions for safe storage</b> | : | Electrical installations / working materials must comply with the technological safety standards.   |
| <b>Materials to avoid</b>          | : | Keep away from oxidizing agents and strongly acid or alkaline materials.  |

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

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- Respiratory protection** : In the case of vapor formation use a respirator with an approved filter.
- Hand protection remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection** : Safety glasses  
Ensure that eyewash stations and safety showers are close to the workstation location.
- Skin and body protection** : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures** : When using do not eat, drink or smoke.  
When using do not smoke.  
Wash hands before breaks and at the end of the work day.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : liquid
- Color** : clear
- Odor** : Acid odor
- Odor Threshold** : No data available
- pH** : 1.5-2.5
- Melting point/freezing point** : No data available
- Boiling point** : 212 °F
- Flash point** : No data available
- Evaporation rate** : No data available
- Upper explosion limit** : No data available
- Lower explosion limit** : No data available
- Vapor pressure** : No data available
- Relative vapor density** : No data available

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<b>Density</b>	:	No data available
<b>Solubility(ies) Water Solubility</b>	:	No data available
<b>Solubility in other solvents</b>	:	Not determined
<b>Partition coefficient: n- octanol/water</b>	:	No data available
<b>Auto-ignition temperature</b>	:	Not determined
<b>Thermal decomposition</b>	:	No data available
<b>Viscosity Viscosity, kinematic</b>	:	No data available

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## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	:	Stable
<b>Chemical stability</b>	:	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	:	Vapors may form explosive mixture with air. No decomposition if used as directed.
<b>Conditions to avoid</b>	:	Extreme heat or cold
<b>Incompatible materials</b>	:	Strong alkali and contact with metal or glass
<b>Hazardous decomposition products</b>	:	Oxides of carbon & phosphorus

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## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	
<b><u>Product:</u></b>	
<b>Acute oral toxicity</b>	: No data available

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**Skin corrosion/irritation**

**Product:**

Remarks: May cause skin irritation and/or dermatitis.

**Serious eye damage / eye irritation**

**Product:**

Remarks: Vapors may cause irritation to the eyes, respiratory system and the skin.

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Alcohols, C10-14, ethoxylated:**

**STOT- Single exposure**

No data available

**STOT- repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information**

**Product:**

Remarks: no data available

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available

**Aquatic Toxicity**

Marine Pollutant



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## Bioaccumulative potential

### Product:

Partition coefficient: n-octanol/water : Remarks: no data available

## Mobility in soil

No data available

### Product:

Regulation : 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class I Substances

Remarks : This product neither contrains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, kSubpt. A, App. A + B).

Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into water

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of as unused product. Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

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Transportation Regulation: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

**SECTION 15. REGULATORY INFORMATION**

**EPCRA – Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

No CERCLA Hazards

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

**This material does not contain any components with a section 304 EHS RQ.**

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**California Prop 65** : This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

<b>TSCA</b>	On TSCA Inventory
<b>DSL</b>	This product contains one or several components that are not on the Canadian DSL or NDSL.
<b>AICS</b>	Not in compliance with the inventory
<b>NZIoC</b>	Not in compliance with the inventory

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<b>PICCS</b>	Not in compliance with the inventory
<b>IECSC</b>	Not in compliance with the inventory

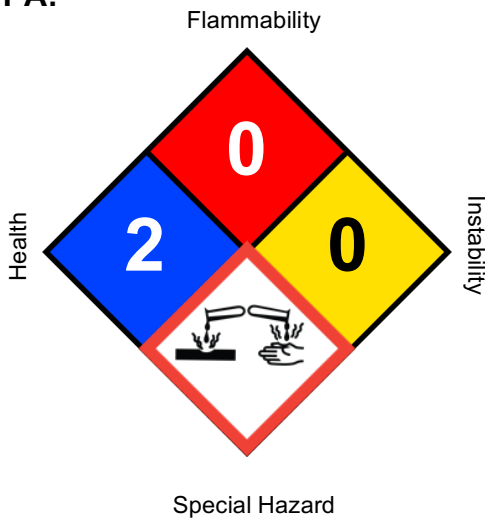
**Inventory Acronym and Validity Area Legend:**

AICS (Australia), DSL (Canada), IESCS (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1= slight  
2= moderate, 3 = high  
4= extreme, \* = chronic

**OSHA GHS Label Information:**

Hazard Pictograms :



Signal Word : **Danger:**

Hazard statements : Harmful if swallowed. Causes severe skin burns and eye damage.

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Precautionary Statements : **Prevention:** Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves / protective clothing / eye protection / face protection  
**Response:** IF SWALLOWED: call a POISON CENTER or doctor / physician if you feel unwell. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor / physician. 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 / physician. Wash contaminated clothing before reuse.  
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