

1. Identification**Product identifier** ALC 142 Bath and Permeate**Other means of identification**

SDS number KWAR-16

Version # 01

Revision date Not Applicable

Recommended use Waste

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information**Manufacturer**Kaiser Aluminum Warrick LLC
4000 W. State Route 66
Newburgh, IN 47629**Emergency Information**

CHEMTREC: +1-703-527-3887 +1-800-424-9300 (24 Hour Emergency Telephone, multiple languages spoken); Kaiser Warrick: +1-877-335-0996 (24 Hour Emergency Telephone, only English spoken)

WebsiteFor a current Safety Data Sheet, refer to Kaiser Aluminum website:
<https://www.kaiseraluminum.com/customer-portal/safety-data-sheets/>**2. Hazard(s) identification****Physical hazards** Not classified.**Health hazards** Not classified.**Environmental hazards** Not classified.**OSHA defined hazards** Not classified.

The mixture does not meet the criteria for classification.

Label elements**Hazard symbol** None.**Signal word** None.**Hazard statement** The mixture does not meet the criteria for classification.**Precautionary statement****Prevention** Observe good industrial hygiene practices.**Response** Wash hands after handling.**Storage** Store away from incompatible materials.**Disposal** Dispose of waste and residues in accordance with local authority requirements.**Hazard(s) not otherwise classified (HNOC)** None known.

Supplemental information	None.
Specific hazards	None known.

3. Composition/information on ingredients

Mixtures

4. First-aid measures

Eye contact	Get medical attention if irritation develops and persists.
Skin contact	Remove contaminated clothes and rinse skin thoroughly with water. Wash with soap and water for at least 15 minutes. Get medical attention if irritation develops and persists.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. If swallowed, do NOT induce vomiting. Consult a physician.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Under normal conditions of intended use, this material does not pose a risk to health.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.
Fire fighting equipment/instructions	Use water spray to cool exposed containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Non-combustible.
Explosion data	
Sensitivity to mechanical impact	Not applicable.
Sensitivity to static discharge	Not applicable.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use personal protection recommended in Section 8 of the SDS.
Personal precautions, protective equipment and emergency procedures	
For emergency responders	Use personal protection recommended in Section 8 of the SDS.
Evacuation procedures	Keep unnecessary personnel away.
Methods and materials for containment and cleaning up	Do not allow the spilled product to enter public drainage system or open water courses. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Large Spills: Wipe up with absorbent material (e.g. cloth, fleece). Following product recovery, flush area with water. Small Spills: Clean surface thoroughly to remove residual contamination.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Handling	Wear protective gloves/eye protection/face protection. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not re-use empty containers. Do not eat, drink or smoke when using the product.
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Storage Store in accordance with local/regional/national/international regulation. Store in original container. Protect from sunlight. Store in a dry area. Keep containers tightly closed in a cool, well-ventilated place. Store away from incompatible materials (See Section 10). Do not store above 120 F. Use appropriate container to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits No exposure limits noted for ingredient(s).

General Use personal protective equipment as required.

Appropriate engineering controls General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear impervious gloves to avoid direct skin contact. Wear appropriate chemical resistant gloves. Nitrile, butyl rubber or neoprene gloves are recommended.

Other No specific precautions.

Respiratory protection If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Thermal hazards Not applicable.

General hygiene considerations General industrial hygiene practice.

Control parameters Follow standard monitoring procedures.

Environmental exposure controls Environmental manager must be informed of all major releases.

9. Physical and chemical properties

Form Liquid.

Color White.

Odor Amine-like.

Odor threshold Not available.

pH 9.8

Density 8.35 lbs/gal

Melting point/freezing point 32 °F (0 °C)

Initial boiling point and boiling range 205 °F (96.11 °C)

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - upper (%) Not available.

Flammability limit - lower (%) Not available.

Explosive properties Not explosive.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies) 100 %

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Health effects associated with compounds formed during processing

No new/additional compounds are expected to be formed during processing.

Information on likely routes of exposure

Eye contact Direct contact with eyes may cause temporary irritation.

Skin contact No adverse effects due to skin contact are expected.

Inhalation No adverse effects due to inhalation are expected.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not available.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Not classified. Based on available data, the classification criteria are not met.

Germ cell mutagenicity Not classified. Based on available data, the classification criteria are not met.

Carcinogenicity Not classified. Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

US OSHA Hazard Categories (10)

Not regulated.

US OSHA Hazard Categories (9)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Routes of exposure Inhalation.

Specific target organ toxicity - single exposure Not classified. Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure Not classified. Based on available data, the classification criteria are not met.

Aspiration hazard Not classified. Based on available data, the classification criteria are not met.

Chronic effects Not classified. Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity No ecotoxicity data noted for the ingredient(s).

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.
Mobility in soil No data available.
Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation. Potential endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions

Local disposal regulations Waste codes

Waste from residues / unused products

Contaminated packaging

14. Transport information

General Shipping Information

Basic Shipping Information

ID Number: -

Proper Shipping name: Not regulated

Hazard Class: -

Packing group: -

15. Regulatory information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US OSHA Hazard Categories (9)

Not regulated.

US OSHA Hazard Categories (10)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 hazard categories Immediate Hazard - No
Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Chemical No

SARA 313 (TRI reporting)

Not regulated.

US state regulations

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS) Canada Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
		Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

SDS Status: Origination date: April 1, 2021.

Precautionary statement

Prevention

Observe good industrial hygiene practices.

Response

Wash hands after handling.

Storage

Store away from incompatible materials.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Supplemental information

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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