

Material Safety Data Sheet

Product Information

Aluminium CAS - 7429-90-5

Physical Data

Ingredient	Molar weight	Specific Gravity	Melting Point (.c)	Boiling point (.c)	Solubility in H2O (g/100ml)
Aluminium	26.98 g/mole	2.7	660	2327	n/a

Silver-white solid metal.

Fire or Explosion Hazard

Non-flammable in presence of open flames and sparks or shocks of heat, however may be combustible at high temperature.

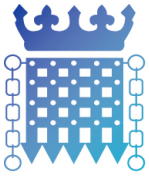
Hazardous Identification

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

The substance is toxic to the lungs. Repeated or prolonged exposure to the substance can produce target organs damage repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

First Aid Measures

Eye contact:



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Check and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Toxicological Information

Routes of entry:

N/A

Toxic Effects on humans:

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Not expected to be a hazard unless aluminium dust particles are present. Exposure to aluminium dust may cause eye irritation by mechanical action.

Stability and Reactive Information

Stability:

The product is stable.

Reactivity:

Aluminium reacts vigorously with sodium hydroxide. Aluminium is also incompatible with strong oxidisers.



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Ecological Information

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The toxicity of the products of biodegradation are less toxic than the product itself.

Disposable Considerations

Waste must be disposed of in accordance with federal, state and local environment control regulations.

Transport Information

Not regulated for either air or ground shipments.

Handling and Storage

Keep container tightly closed. Keep container in a cool, well ventilated area.

Preventative Measures

Avoid repeated skin contact. Wear suitable gloves. Wash skin thoroughly after handling. Launder clothing and gloves as needed. Keep away from incompatibles such as oxidising agents.

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