

Safety Data Sheet

Page 1 of 7

According to 1907/2006/EC

Revision: 02 January 2024

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1. Identification

1.1 Product identifier

Trade name: Rislone® Liquid Aluminum

Product code: 51186

UFI: MJRJ-E4U5-900F-JNKV

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance/the mixture: Aluminum radiator & cooling system stop leak

Uses advised against: No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

RISLONE Nordic AB

Box 83

443 22 Partille, Sweden

Telefon: +46-(0)31 555088

E-mail: support@rislonenordic.com

Website: www.rislone.se



1.4 Emergency telephone number:

ChemTel Inc.

(800) 255-3924 (North America)

+1 (813) 248-0585 (International)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to OSHA GHS regulations within the United States.

This product does not have a classification according to the CLP regulation.

Hazard pictograms: Not Regulated

Signal word: Not Regulated

Hazard Statements: Not Regulated

Precautionary Statements: Not Regulated

2.3 Other hazards

There are no other hazards not otherwise classified that have been identified.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition and information on ingredients

Trade Name: Rislone® Liquid Aluminum

3.1 Mixtures

Components: None in reportable quantities.

4. First-aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Clean with water and soap.

If skin irritation continues, consult a doctor.

After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause gastro-intestinal irritation if ingested.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

The product is not flammable.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: None

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Use personal equipment as required.

6.2 Environmental precautions

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

6.4 Reference to other sections

According to 1907/2006/EC

Revision: 02 January 2024

Trade Name: Rislone® Liquid Aluminum

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. Handling and storage

7.1 Precautions for safe handling Use only in well ventilated areas.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

7.3 Specific end use(s) No further relevant information available.

8. Exposure controls/personal protection

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs: No further relevant information available.**PNECs:** No further relevant information available.**8.2 Exposure controls****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages, and feed.

Wash hands before breaks at the end of work.

Do not inhale gases/fumes/aerosols.

Respiratory protection:

Not required under normal conditions of use.

Use suitable respiratory protective device when aerosol or mist is formed.

For large spills, respiratory protective may be advisable.

Protection of hands:

Wear protective gloves to handle contents of damaged or leaking units.

Gloves are advised for repeated or prolonged contact.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Eye protection:

Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection:

Not required under normal conditions of use.

Protection may be required for spills.

Safety Data Sheet

According to 1907/2006/EC

Revision: 02 January 2024

Trade Name: Rislone® Liquid Aluminum

Limitation and supervision of exposure into the environment: No special requirements

Risk management measures: No special requirements.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance	
Form	Viscous
Colour	Grey
Odour	Slight
Odour threshold	Not determined.
pH-value at 20°C (68°F)	8,5-9,5
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Auto/Self-ignition temperature	Not determined.
Decomposition temperature	Not determined.
Explosive properties	Product does not present an explosion hazard
Explosion limits	
Lower	Not determined.
Upper	Not determined.
Oxidising properties	Non-oxidising.
Vapour pressure	Not determined.
Density	
Relative density at 25°C	0,995-1,020 g/cm ³
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in/ Miscibility with water	Fully miscible.
Partition coefficient: n-octanol/water	Not determined.
Viscosity	
Dynamic at 25°C	1100-1700 mPas
Kinematic	Not determined.
9.2 Other information	Not relevant information available

10. Stability and Reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable under normal temperatures and pressures.

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions Reacts with strong acids and oxidising agents.

10.4 Conditions to avoid Excessive heat

According to 1907/2006/EC

Revision: 02 January 2024

Trade Name: Rislone® Liquid Aluminum**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Possible in traces.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:** None.**Primary irritant effect:****Skin corrosion/irritation:** Based on available data, the classification criteria are not met.**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.**IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

Probable routes of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** Based on available data, the classification criteria are not met.**STOT-repeated exposure:** Based on available data, the classification criteria are not met.**Aspiration hazard:** Based on available data, the classification criteria are not met.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

Safety Data Sheet

According to 1907/2006/EC

Revision: 02 January 2024

Trade Name: Rislone® Liquid Aluminum

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

14.1 UN-Number DOT, ADR, IMDG, IATA	Not Regulated
14.2 UN proper shipping name DOT, ADR, IMDG, IATA	Not Regulated
14.3 Transport hazard class(es) DOT, ADR, IMDG, IATA Class	Not Regulated
14.4 Packing group DOT, ADR, IMDG, IATA	Not Regulated
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not Applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not Applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

IARC (International Agency for Research on Cancer)
None of the ingredients are listed.

Directive 2012/18/EU

Named dangerous substances – ANNEX I None of the ingredients are listed.

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients are listed.

According to 1907/2006/EC

Revision: 02 January 2024

Trade Name: Rislone® Liquid Aluminum**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5

Safety Data Sheets, Individual Manufacturers

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