

SAFETY DATA SHEET

according to Regulation (EU) No. 1907/2006

SAL-T 90 / SAL-SC 90

1. Identification of the substance/preparation and of the company/undertaking

Use of the Substance/Preparation	Humidity Standard for Checking the Sensor.
Product code	SAL-T 90 : 1110938 / SAL-SC 90 : 1110896
Company/Undertaking Identification	Novasina AG Neuheimstrasse 12 CH-8852 Lachen +41 55 642 67 67 / www.novasina.com
Emergency telephone number	145 / +41 44 251 51 51 (Swiss Toxicological Information Center - 24h)
Revision Date	11.04.2008
Version	1

2. Hazards identification



Xn - Harmful.

Harmful if swallowed.

3. Composition/information on ingredients

Chemical characterization Aqueous solution of metal salts.

Components		Symbol(s)	R-phrases(s)	CAS	EINECS
Barium chloride-Dihydrat	< 25%	T	R-20-25	10326-27-9	233-788-1

4. First aid measures

Inhalation	Not hazardous by inhalation.
Skin contact	Wash off with soap and water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice.

5. Fire-fighting measures

Suitable extinguishing media	No special measures required.
Specific hazards	The product is not flammable.

6. Accidental release measures

Personal precautions	No special measures required.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Dilute with plenty of water.

7. Handling and storage

Handling	Avoid contact with skin and eyes.
Storage	Store at room temperature in the original container.

8. Exposure controls / personal protection

Occupational exposure controls	Handle in accordance with good industrial hygiene and safety practice.
Personal protection equipment	
Respiratory protection	No special protective equipment required.
Hand protection	Gloves made of latex. Protective gloves complying with EN 374. Break through time: 1 h.
Eye protection	Safety glasses with side-shields conforming to EN 166. Eye wash bottle with pure water.
Skin and body protection	Lab coat.

9. Physical and chemical properties

Form	Aqueous solution.
Colour	Colourless.
Odour	None.
Physical and chemical properties	pH: weakly acidic. Flash point does not flash. Water solubility: soluble Fat solubility: insoluble Relative density 1.5 g/ml. Melting point/range – not determined. Explosion limits: not applicable.

10. Stability and reactivity

Stability	Hygroscopic.
Conditions to avoid	Exothermic reaction with strong acids.

11. Toxicological information

Acute toxicity	No data is available on the product itself. barium chloride LD50/oral/rat = 118 mg/kg.
Local effects	May cause eye or skin irritation with susceptible persons.
Long term toxicity	No data is available on the product itself.
Sensitization	Negligible.

12. Ecological information

Ecotoxicity	No data is available on the product itself.
Results of PBT assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
Other adverse effects	slightly water contaminating (WGK-D : 1 – self estimation).

13. Disposal considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Clean container with water.

14. Transport information

ADR/RID	Proper shipping name TOXIC LIQUID, INORGANIC, N.O.S. (Barium chloride solution) UN No 3287. Class 6.1. Packing group III. ADR/RID-Labels 6.1. Classification code T4. Risk No. 60. Limited quantities LQ7.
IMO	Proper shipping name Toxic liquid, inorganic, n.o.s. (Barium chloride solution) UN No 3287. Class 6.1. Packing group III. ADR/RID-Labels 6.1. Limited quantities 5 L. EmS F-A, S-A.
ICAO	Proper shipping name Toxic liquid, inorganic, n.o.s. * (Barium chloride solution) UN No 3287. Class 6.1. Packing group III. Packing instruction (passenger aircraft): 611 (60 L). Packing instruction (LQ): Y611 (2 L). Packing instruction (cargo aircraft): 618 (220 L).
Further Information	Not classified as dangerous in the meaning of transport regulations. Aqueous solution of chemicals.

15. Regulatory information

Symbol(s)	Xn - Harmful.
R-phrases(s)	R22: Harmful if swallowed.
S-phrases(s)	S7: Keep container tightly closed. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Regulatory Information

Classification according to EC directive.
Hazardous components which must be listed on the label: ref.
chapter 3
VOC (CH) = 0%

16. Other information**Recommended use**

Restricted to professional users.

Text of R phrases mentioned in Section 3

R20: Harmful by inhalation.
R25: Toxic if swallowed.

Further information

Take notice of the directions of use.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.