

# SAFETY DATA SHEET

according to Regulation (EU) No. 1907/2006

## SAL-T 4

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

<b>Use of the Substance/Preparation</b>	Humidity Standard for Checking the Sensor.
<b>Product code</b>	SAL-T 4 : 1117440
<b>Company/Undertaking Identification</b>	Novasina AG Neuheimstrasse 12 CH-8852 Lachen  +41 55 642 67 67 / <a href="http://www.novasina.com">www.novasina.com</a>
<b>Emergency telephone number</b>	145 / +41 44 251 51 51 (Swiss Toxicological Information Center - 24h)
<b>Revision Date</b>	28.10.2011
<b>Version</b>	1

### 2. Hazards identification



T - Toxic.

Toxic by inhalation, in contact with skin and if swallowed.

### 3. Composition/information on ingredients

**Chemical characterization** Aqueous solution of metal salts.

Components		Symbol(s)	R-phrases(s)	CAS	EINECS
Cesium fluoride	> 25%	T	R-23/24/25	13400-13-0	236-487-3

## **4. First aid measures**

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

## **5. Fire-fighting measures**

<b>Suitable extinguishing media</b>	No special measures required.
<b>Specific hazards</b>	The product is not flammable.

## **6. Accidental release measures**

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

## **7. Handling and storage**

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

## **8. Exposure controls / personal protection**

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

## ***9. Physical and chemical properties***

<b>Form</b>	Aqueous solution.
<b>Colour</b>	Colourless.
<b>Odour</b>	None.
<b>Physical and chemical properties</b>	pH 7.5 - 9 . Flash point does not flash. Water solubility: soluble Fat solubility: insoluble Density 1.5 - 2.5 g/ml. Melting point/range – not determined. Explosion limits: not applicable.

## ***10. Stability and reactivity***

<b>Stability</b>	Hygroscopic.
<b>Conditions to avoid</b>	Exothermic reaction with strong acids.

## ***11. Toxicological information***

<b>Local effects</b>	Toxic if swallowed. May cause eye or skin irritation with susceptible persons.
<b>Long term toxicity</b>	No data is available on the product itself.
<b>Sensitization</b>	Negligible.

## ***12. Ecological information***

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

## ***13. Disposal considerations***

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

## 14. Transport information

<b>ADR/RID</b>	Proper shipping name TOXIC LIQUID, INORGANIC, N.O.S. (Cesiumfluoride-solution) UN No 3287. Class 6.1. Packing group III. ADR/RID-Labels 6.1. Classification code T4. Risk No. 60. Limited quantities LQ7.
<b>IMO</b>	Proper shipping name Toxic liquid, inorganic, n.o.s. (Cesiumfluoride-solution) UN No 3287. Class 6.1. Packing group III. ADR/RID-Labels 6.1. Limited quantities 5 L. EmS F-A, S-A.
<b>ICAO</b>	Proper shipping name Toxic liquid, inorganic, n.o.s. * (Cesiumfluoride-solution) UN No 3287. Class 6.1. Packing group III. Packing instruction (passenger aircraft): 655 (60 L). Packing instruction (LQ): Y642 (2 L). Packing instruction (cargo aircraft): 663 (220 L).

## 15. Regulatory information

<b>Symbol(s)</b>	T - Toxic.
<b>R-phrases(s)</b>	R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
<b>S-phrases(s)</b>	S7: Keep container tightly closed. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S36/37: Wear suitable protective clothing and gloves.
<b>Regulatory Information</b>	Classification according to EC directive. Hazardous components which must be listed on the label: ref. chapter 3 VOC (CH) = 0%

## 16. Other information

<b>Recommended use</b>	For industrial application only.
<b>Text of R phrases mentioned in Section 3</b>	R23/24/25: Toxic by inhalation, in contact with skin and 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.