

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

Novasina_Serie B

SAL-T 4

SAL-T 6 / SAL-SC 6

SAL-T 11 / SAL-SC 11

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Novasina_Serie B SAL-T 4 SAL-T 6 / SAL-SC 6 SAL-T 11 / SAL-SC 11
Product code	[4] 1117440 [6] 1116453 / 2600978 [11] 1110930 / 1110885

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

Use of the Substance/Mixture	Humidity Standard for Checking the Sensor.
Uses advised against	No further relevant information available

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification	Novasina AG Neuheimstrasse 12 CH-8853 Lachen Switzerland +41 55 642 67 67 Info-desk: info@novasina.ch / www.novasina.com
---	---

1.4. Emergency telephone number	Tox Info Suisse : [24h/7d] Tel. 145 / +41 44 251 51 51 – info@toxi.ch
--	--

Issuing date	24.03.2020
---------------------	------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Acute toxicity, oral, Cat. 4, H302
Skin corrosion/irritation, Cat. 2, H315
Serious eye damage/eye irritation, Cat. 2, H319

The product is classified and labelled according to Regulation (EC) No. 1272/2008.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements



Signal Word Warning

Hazard Statements H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary statements P280e: Wear protective gloves/eye protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330: Rinse mouth.

Supplemental information None.

Product identifier Cesiumfluoride, CAS-No. 13400-13-0, EC-No. 236-487-3
Lithium bromide, CAS-No. 7550-35-8, EC-No. 231-439-8
Lithium chloride, CAS-No. 7447-41-8, EC-No. 231-212-3

Contents of package < 125 ml



Warning
H302: Harmful if swallowed.
P262: Do not get in eyes, on skin, or on clothing.

2.3. Other hazards No hazards to be specially mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

saturated aqueous solution; contains inorganic salt.

Components		CLP Classification	Product identifier
Cesiumfluoride	3% - 5%	Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, Skin Corr. 1B H314	CAS-No.: 13400-13-0 EC-No.: 236-487-3
Lithium bromide	25% - 50%	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319	CAS-No.: 7550-35-8 EC-No.: 231-439-8
Lithium chloride	25% - 50%	Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Irrit. 2 H315	CAS-No.: 7447-41-8 EC-No.: 231-212-3

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not hazardous by inhalation.
Skin contact	Wash off with soap and plenty of water.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Protect unharmed eye. 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.

4.2. Most important symptoms and effects, both acute and delayed If you feel unwell, seek medical advice (show the label where possible).

4.3. Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media No special measures required.

Extinguishing media which must not be used for safety reasons No extinguishing agent constraints.

5.2. Special hazards arising from the substance or mixture The product is not flammable. Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

Special protective equipment for firefighters Standard procedure for chemical fires.

Specific methods No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel Avoid contact with skin and eyes. Use personal protective equipment.

Advice for emergency responders Use personal protective equipment.

6.2. Environmental precautions Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

6.4. Reference to other sections See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Wear personal protective equipment. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided.

7.2. Conditions for safe storage, including any incompatibilities Store at room temperature in the original container.

7.3. Specific end use(s) Use only in accordance with our recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s) This information is not available.
Not hazardous by inhalation.

8.2. Exposure controls

Appropriate engineering controls General industrial hygiene practice. Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

<i>Respiratory protection</i>	No special protective equipment required.
<i>Hand protection</i>	Protective gloves complying with EN 374. Gloves made of latex. Break through time: > 1 h.
<i>Eye protection</i>	Avoid contact with eyes. Safety glasses with side-shields conforming to EN166. Eye wash bottle with pure water.
<i>Skin and body protection</i>	Lab coat.
<i>Thermal hazards</i>	Do not heat the product.

Environmental exposure controls No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution.
Colour	Translucent.
Odour	Not significant.
Odour Threshold	Not determined.
pH:	not applicable
Melting point/range:	Not determined.
Boiling point/range:	100 °C
Flash point:	does not flash
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Vapor density:	Not determined.
Relative density:	1
Water solubility:	miscible
Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Explosive properties:	not hazardous
Oxidising properties:	none

9.2. Other information

General Product Characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	See section 10.3
10.2. Chemical stability	Hygroscopic. Stable at normal conditions.
10.3. Possibility of hazardous	No hazards to be specially mentioned.

reactions

10.4. Conditions to avoid	Avoid moisture.
10.5. Incompatible materials	Corrodes base metals. Incompatible with strong acids and oxidizing agents.
10.6. Hazardous decomposition products	None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on the product itself. Lithiumbromid (CAS 7550-35-8) Oral LD50 Rat = 1800 mg/kg (NLM_CIP) Lithiumchlorid (CAS 7447-41-8) Oral LD50 Rat = 526 mg/kg (NLM_CIP)
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Serious eye damage/eye irritation
Respiratory / Skin Sensitisation	None.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Germ cell mutagenicity	Contains no ingredient listed as a mutagen.
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No aspiration toxicity classification.
Human experience	No data is available on the product itself.

SECTION 12: Ecological information

12.1. Toxicity	No data is available on the product itself.
12.2. Persistence and degradability	No data is available on the product itself.
12.3. Bioaccumulative potential	No data is available on the product itself.
12.4. Mobility in soil	No data is available on the product itself.

12.5. Results of PBT and vPvB assessment This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6. Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products Do not empty into drains or dispose with household waste.

Contaminated packaging Dispose with the municipal waste.

SECTION 14: Transport information

ADR/RID Not regulated.

IMDG Not regulated.

IATA Not regulated.

Further Information Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information None.

Lithium bromide (CAS 7550-35-8)
EU - REACH (1907/2006) - List of Registered Substances Present

Lithium chloride (CAS 7447-41-8)
EU - REACH (1907/2006) - List of Registered Substances Present

15.2. Chemical safety assessment Not required.

SECTION 16: Other information

Revision Note General update.

Key or legend to abbreviations and acronyms CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)

Key literature references and sources for data	Information taken from reference works and the literature.
Classification procedure	Calculation method.
Full text of phrases referred to under sections 2 and 3	H301: Toxic if swallowed. H302: Harmful if swallowed. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H319: Causes serious eye irritation. H331: Toxic if inhaled.
Training advice	Provide adequate information, instruction and training for operators.
Further information	Take notice of the directions of use.
Instructions for use	For industrial application only. Keep away from children.
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. It is not to be considered a warranty or quality specification.