



General information

BALVERZINN DESOXY RSN are tin - germanium - tablets with a high dosage of germanium (SnGe1) to reducing oxides on moved, lead free solder baths without nitrogen cover.

The optimal germanium content in the lead free solder bath amounts 0,005% and should be stabilized by addition of **BALVERZINN DESOXY RSN** regularly. According to our experience, germanium contents under 0,002% increase the formation of oxides.

BALVER ZINN DESOXY RSN does not contain hazardous substances beyond the limits prescribed by EU Directive 2002/95/EG ("RoHS").

Further information are available in the **BALVER ZINN Information: „Lead-free wave soldering“**. Further Technical Data Sheets you find on our homepage. Of course, you may also obtain all information and documents directly from **BALVER ZINN**.

Technical information and further Technical Data Sheets can be found on our website (www.balverzinn.com). And of course, you can also obtain all information and documents directly from **BALVER ZINN**.

BALVER ZINN Production Programme

The **BALVER ZINN** production programme also includes solder bar, solder pastes and flux. In addition to the **SN100C** product family, **BALVER ZINN** offers other unpatented and patented solder alloys for wave soldering, reflow and rework.

Physical and chemical properties

- | | |
|------------------|-------------------------------------|
| • Form: | Cut wire |
| • Colour: | Silvery shining to easily yellowish |
| • Density: | approx. 7,4 mg/cm ³ |
| • Melting point: | approx. 250°C |
| • Contents: | SnGe1 (pure tin & germanium) |

Storage conditions / Durability

Dry, at room temperature / min. 2 years

Safety Advice

We refer to the corresponding Safety Data Sheet.

Delivery Size

Bottle 250 g

Application

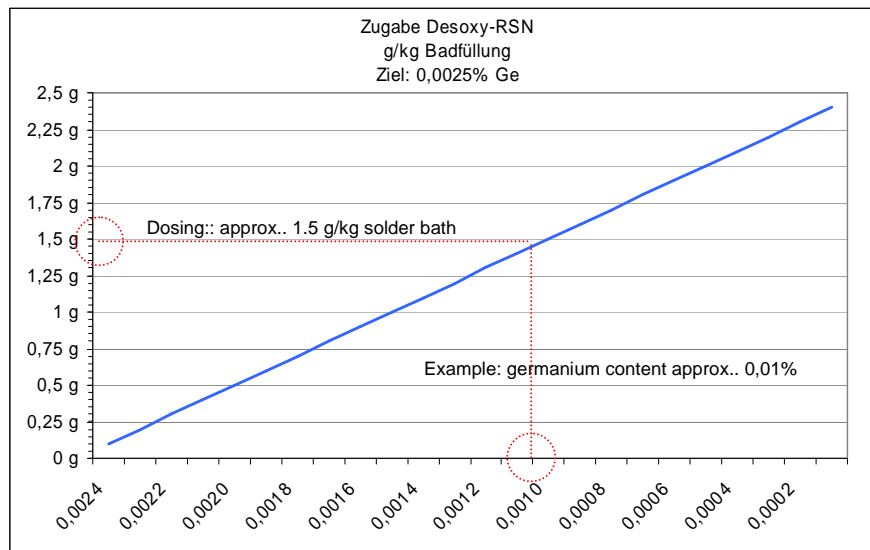
BALVER ZINN DESOXY RSN is ready for use supplied and becomes admitted in the solder bath

After metered addition the pump should run, in order to receive a homogeneous distribution of the germanium.



Dosing guidance

Content	Difference	Quantity Desoxy RSN / of kg Bath filling	Example: Bath filling 300 Kg
0,0024 %	0,0001 %	0,1 g	30 g
0,0023 %	0,0002 %	0,2 g	60 g
0,0022 %	0,0003 %	0,3 g	90 g
0,0021 %	0,0004 %	0,4 g	120 g
0,002 %	0,0005 %	0,5 g	150 g
0,0019 %	0,0006 %	0,6 g	180 g
0,0018 %	0,0007 %	0,7 g	210 g
0,0017 %	0,0008 %	0,8 g	240 g
0,0016 %	0,0009 %	0,9 g	270 g
0,0015 %	0,001 %	1 g	300 g
0,0014 %	0,0011 %	1,1 g	330 g
0,0013 %	0,0012 %	1,2 g	360 g
0,0012 %	0,0013 %	1,3 g	390 g
0,0011 %	0,0014 %	1,4 g	420 g
0,001 %	0,0015 %	1,5 g	450 g
0,0009 %	0,0016 %	1,6 g	480 g
0,0008 %	0,0017 %	1,7 g	510 g
0,0007 %	0,0018 %	1,8 g	540 g
0,0006 %	0,0019 %	1,9 g	570 g
0,0005 %	0,002 %	2 g	600 g
0,0004 %	0,0021 %	2,1 g	630 g
0,0003 %	0,0022 %	2,2 g	660 g
0,0002 %	0,0023 %	2,3 g	690 g
0,0001 %	0,0024 %	2,4 g	720 g



The information in this Data Sheet is based on data considered accurate. The measured values stated are based on own measurements, but do not represent assured properties or delivery specifications. Because of the vast number of different materials and applications – also with respect to possible protective rights of third parties – Balver Zinn Josef Jost GmbH & Co. KG **cannot** accept any liability.

OUR GLOBAL PARTNERS FOR LEAD-FREE SOLDERS



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