

**Date** 2024.04.23  
**Language** English  
**SDS** 950331



### Summary

REGI-RED is an alcohol based flux for soldering. It is based on organic acids.

Flux code	REGI-RED	
<b>PROCESS</b>		
No-Clean process		9
Post-solder cleaning		8

INDUSTRY APPLICATION		
Standard electronics		8
Industrial electronics		9
Hi-Rel electronics (automotive)		9

PROCESS CAPABILITY		
Foam fluxing		8
Spray fluxing		9
Short preheat		7
Short contact time		9
Pb-free process Air		9
Pb-free process N2 wave		9
Pb-free process N2 tunnel		8
Skipped joints		9
Solderballing		8
Bridging		9
Promotes wicking		9
PTH filling		9
Cosmetic cleanliness		8
Cosmetic cleanliness N2		9
Shiny joint appearance		8
Pin testability		9
Conformal coating (see AN)		9

Legend	
<i>Especially made for this purpose</i>	9 - 10
<i>Generally qualified for this purpose</i>	7 - 8
<i>Generally usable, but not the best choice</i>	5 - 6
<i>Generally not usable for this purpose</i>	3 - 4
<i>Wrong choice</i>	1 - 2

CLASSIFICATION	
DIN EN ISO 9454-1: 2016	2122
IPC-J-STD-004-A: 2004	ORL0

PROPERTIES		
Density	@ 20°C [kg/dm³]	0.8
Solid content	[% w/w]	3.5
Acid number	[mg KOH/g]	34
Water content	[% w/w]	0
VOC content	[% w/w]	Remainder
Filmformer(s)		Organic
Color		Colorless
Odor		Alcoholic
Flashpoint COC	[°C]	None
Thinners		425-00

TEST REPORTS			
Certificate of Compliance			None
Application Note			EN/DE
Copper Mirror	IPC-TM-650 2.3.32		Pass
Halides	IPC-TM-650 2.3.33	[Silver Chromate]	Pass
Halide	IPC-TM-650 2.3.35.1	[Fluoride by Spot]	Pass
Copper Corrosion	IPC-TM-650 2.6.15		Pass
SIR	IPC-TM-650 2.6.3.3		Pass
ECM	IPC-TM-650 2.6.14.1		Pass

PACKAGING AND STORAGE		
Packaging can	(HDPE) [liter]	10
Packaging Drum	(HDPE) [liter]	200
Shelf-life in months	20-25 °C	9

**Check material compatibility with every process change!**  
**Industrial chemical product.**  
**Read SDS before use.**

#### Disclaimer:

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