



## After Sun Lotion with RICE NS

O/W-Lotion with cooling effect, moisturising and soothing, non sticky and tacky, with Bisabolol and Panthenol

**Ingredients**                      **INCI-Name**                      **%w/w**                      **Supplier**

### Phase A

Lexfeel 7	neopentyl glycol diheptanoate	1,00	INOLEX
Hostaphat KL 340 D	Trilaureth-4 Phosphate	3,00	CLARIANT
Hostaphat KW 340 D	Triceteareth-4 Phosphate	1,50	CLARIANT
Miglyol 812	Caprylic/Capric Triglyceride	5,00	SASOL
Lexfeel D 5	neopentyl glycol diheptanoate (and) isododecane	5,00	INOLEX
CRODACOL C90-PA-(RB)	Cetyl Alcohol	2,00	CRODA

### Phase B

Water demin.	Aqua	71,30	
Spectrastat	caprylhydroxamic acid (and) caprylyl glycol (and) glycerin	0,80	INOLEX
Sodium Benzoate	Sodium Benzoate	0,30	MERCK
XG FFCS-PC	Xanthan Gum	0,30	JUNGBUNZLAUER
D- Panthenol 75 L	Panthenol	0,70	DSM / IMPAG
1,2 Propylene Glycol Care	Propylene Glycol	3,00	BASF
Cremerol Glycerin PH Euro 86,5 %	Glycerin	5,00	CREMER OLEO
<b>RICE NS</b>	<b>Dimethylimidazolidinone rice starch</b>	5,00	<b>AGRANA</b>

### Phase C

Fragrance	Parfume	q.s	
alpha-Bisabolol natural	Bisabolol	0,10	GfN & Selco

### PROCEDURE

1. Weigh all ingredients of Phase A and heat under stirring at 75 °C.
2. Prepare Phase B by adding the ingredients in below mentioned order. Disperse XG FFCS-PC and stir until completely dispersed, before adding the other ingredients.
3. Add RICE NS under high stirring until it is completely dispersed.
4. Add all other ingredients and heat at 70 °C. and stir for 10 minutes.
5. Add Phase A slowly to Phase B under mixing. Homogenise for 5 minutes.
6. Cool under vacuum and stirring to 30 – 40 °C. Add Phase C.
7. Correct pH if necessary.  
pH value: 6,0 – 6,5 (pH value correction with citric acid or sodium hydroxide)

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