



## Technical Data Sheet

# OMB 68

Process fluids based on white pharmaceutical oils

### Description

OMB 68 is a odourless, colourless and tasteless process fluid formulated on basis of low volatility white pharmaceutical oils. OMB are chemically and biologically stabile products, as they do not support bacterial growth. OMB are certificated NSF 3H, conformed to the German sanitary purity norm (DAB 10) and to the international laws in force (Phar. Eur. 2).

### Use / application

OMB 68 is in conformity with the EU No 10/2011 regulation and therefore suitable for use as lubricant on points intended to come into direct contact with food. OMB are certificated NSF 3H as process fluids for use as a release agent on grills, ovens, loaf pans, chopping boards etc. OMB oils are suitable as forging and light padding fluids during the production of cans for food grade industry. OMB 68 is ideal for lubrication of medical instruments, food-grade machinery, compressed air tools and mechanical seals used in the pharmaceutical reactors. OMB 68 are formulated for numerous applications, among others for antibiotics production, for baby and bath oils, lotions, creams, shampoos, protective solar creams, lipsticks, lotions, cleaning wipes and many other products. OMB 68 meets the specifications of numerous international medical handbooks, as well as the FDA CFR 21 172.878 guidelines. OMB 68 can be applied by spraying (automatic or manual), dropping, brushing or soaking. OMB 68 is a silicone-free product and compatible with the most commonly used elastomers.

### Properties

- Physiologically harmless products
- Chemically and biologically stable
- Prevent bacterial growth
- Colour stability
- Maximum purity

### Specifications

NSF H1

NSF 3H

### Technical Data

ISO Viscosity class			68
Saybolt color	ASTM D156		+30
Density at 15°C	ASTM D4052	g/cm <sup>3</sup>	0.860
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	68
Flash point (COC)	ASTM D92	°C	> 200
Pour Point	ISO 3016	°C	-9



NSF International / Nonfood Compounds Registration Program

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Nonfood Compounds

May 30, 2017

Dr. Ivo Cordioli  
Nils Spa/AG  
Bahnhofstrasse 30  
39014 Burgstall  
Italy

RE: OMB 68  
Category Code: 3H  
NSF Registration No. 155696

Dear Dr. Ivo Cordioli:

NSF has processed the application for Registration of **OMB 68** to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2013), which are available upon request by contacting [NonFood@nsf.org](mailto:NonFood@nsf.org). The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

**This product is acceptable for use as a Release Agent (3H) on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces in contact with meat and poultry food products to prevent food from adhering during processing.**

NSF Registration of this product is current when the NSF Registration Number, Category Code, and Registration Mark appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website ([www.nsfwhitebook.org](http://www.nsfwhitebook.org)).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at [www.nsfwhitebook.org](http://www.nsfwhitebook.org). Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing. Please contact your NSF Project Manager or [nonfood@nsf.org](mailto:nonfood@nsf.org) if you have any questions or concerns pertaining to this letter.

Sincerely,

Carolyn Gilliland  
NSF Nonfood Compounds Registration Program

Company No: N11242