



Nonfood Compounds  
Program Listed

November 22, 2013

Mr. Yang Ming-Fa  
Patricia Lubricants (Shanghai) Limited  
4th Factory, No. 530, Hui Cheng Road  
Nan Hui Industrial Pk., Nan Hui District  
Shanghai 201300  
China

RE: ArChine Silicona FMO 460  
Category Code: HT1, H1, 3H  
NSF Registration No. 148508

Dear Mr. Yang Ming-Fa:

NSF has processed the application for Registration of **ArChine Silicona FMO 460** to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2009), which are available at [www.nsfwhitebook.org](http://www.nsfwhitebook.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.**

**This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.**

**This product is acceptable for use as a heat transfer fluid where there is possibility of incidental food contact (HT1). The amount used should be the minimum required to accomplish the desired technical effect.**

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.

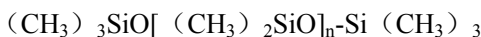
Sincerely,

Amanda Phelka  
NSF Nonfood Compounds Registration Program

Company No: C0036286

**ArChine Silcona FMO 460**
**食品级二甲基硅油**
**产品描述**

二甲基硅油，化学名称聚二甲基硅氧烷，分子式是：


**技术指标**

规格	ArChine Silcona FMO 460
粘度 (25℃), cst	460±10%
闪点℃, ≥	310
倾点℃, ≤	-47
比重 (25℃) g/cm <sup>3</sup>	0.966~0.974
挥发份 (150℃, 3h) % ≤	0.5
粘温系数	0.58~0.62
折光率 (25℃)	1.4020~1.4053
介电常数 (25℃, 50Hz)	2.72~2.78
导热系数 W/(m.K)	0.1590

**产品性能**

本品有多种不同的粘度 (1cps~200万 cps)。具有特殊的清爽性、柔软性、憎水性，良好的化学稳定性、优异的电绝缘性和耐高低温性。闪点高、凝固点低，可在-50℃~+200℃下长期使用，粘温系数小、压缩率大，表面张力低，憎水防潮性好，比热导热系数小。

**产品应用**

1. 日化行业用于护肤膏霜、沐浴液、洗发水等多种化妆品配方，具有优异的柔软效果和丝滑手感。
2. 橡胶、塑料、乳胶、聚氨酯、轻工等行业。
3. 机械、汽车、仪表、电子电器及其他行业用作高档润滑油、液体弹簧、切削液、缓冲器油、变压器油、高低温制动油、刹车油、仪表减震油、框架造型脱模剂等。
4. 纺织、服装行业用作柔软剂、憎水剂、手感改进剂、缝制线的润滑、化纤喷丝板润滑。
5. 皮革及皮革化工行业将本品加入其他助剂，可用作柔软、憎水剂、手感剂、消泡剂、光亮剂等。
6. 医药、食品、化工、涂料、建材行业用作消泡剂、润滑剂、耐候性涂料等。

**包装及贮运**

7. 200公斤铁桶或1000公斤 IBC 桶包装。
8. 成品按无毒非危险品运输和贮藏。
9. 保质期：1年。

上海及川贸易有限公司  
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