

Clarion Products

Clear. Safe. Solutions.

www.clarionlubricants.com

Thai Intertrade Lubricant



The Best Quality of Service

***Thai Intertrade Lubricant Part, Ltd.
SM.Lubritech Corporation Co., Ltd.***

Clarion Products

- **Food Grade Products**

- Clarion Chain and Trolley Lube
- Clarion Food Grade White Mineral Oils
- Clarion Food Machinery A/W Oils
- Clarion Food machinery Gear Oils
- Clarion Food Machinery Grease No.2
- Clarion Food Machinery HT EP Grease
- Clarion PM Hi-Temp Food Machinery 100 Grease
- Clarion FM CS EP 2 Grease (Latest Technologies)

- **Synthetic Products**

- Clarion CompressorGard
- Clarion Synthetic Gear Fluids
- Clarion Synthetic Refrigeration Fluid
- Clarion Synbar Fluids

- ▶ **Environmental Products**

- Clarion Green A/W Oils
- Clarion Green BIO Oils
- Clarion Green Gear Lubes
- Clarion Green Synthetic Fluids
- Clarion Green HT EP Grease No.2



www.clarionlubricants.com

OUR PRODUCTS.

CLARION Lubricants offers a wide array of food grade and synthetic lubricants.

1

Direct Food Contact (USP), NF, NSF 3H) Registered White Mineral Oils

- ◆ Clarion Food Grade White Mineral Oils

2

Incidental Food Contact (NSF H-1) Registered Lubricants

- ◆ Clarion Food Machinery A/W Oils
- ◆ Clarion Food Machinery Gear Lubes
- ◆ Clarion Food Machinery HT EP Greases
- ◆ Clarion Food Machinery FG2 Grease
- ◆ Clarion PM Hi-Temp Food Machinery 100 Greases
- ◆ Clarion FM CS EP 2 Grease (**Latest Technologies**)

3

Incidental Food Contact (NSF H-1) Registered Synthetic Lubricants

- ◆ Clarion CompressorGard
- ◆ Clarion Synthetic Gear Fluids
- ◆ Clarion Synbar Fluids
- ◆ Clarion Synthetic Refrigeration Fluid



The Food Safety Modernization Act (FSMA)

	FDA 21 CFR 172.878	FDA 21 CFR 178.3620(A)	FDA 21 CFR 178.3570	NSF 3H	NSF H-1	NSF/ANSI STANDARDS 60, 61	KOSHER / HALAL
CLARION FOOD GRADE WHITE MINERAL OILS	✓	✓	✓	✓	✓	✓ <small>(200 and 350 only)</small>	✓
CLARION FOOD MACHINERY A/W OILS			✓		✓	✓ <small>(ISO 32 and 68 only)</small>	✓
CLARION FOOD MACHINERY GEAR OILS			✓		✓	✓ <small>(ISO 220 Only)</small>	✓
CLARION FOOD MACHINERY HT EP GREASE			✓		✓	✓ <small>(NLGI 2 only)</small>	
CLARION FOOD MACHINERY GREASE NO. 2			✓		✓	✓	
CLARION COMPRESSORGARD			✓		✓		
CLARION SYNBAR FLUIDS			✓		✓		
CLARION SYNTHETIC GEAR FLUIDS			✓		✓		
CLARION SYNTHETIC RREFRIGERATION FLUID			✓		✓		

USP : United States Pharmacopocia

CFR : Code of Federal Regulation – Cite this code : CFR : To cite the regulations in this volume use title, part and section number.

Thus 21 CFR 172.878 refers to title 21, part 172, section 878.

Clarion Food Grade Credentials

KOSHER LETTER OF CERTIFICATION

HALA LETTER OF CERTIFICATION

NSF/ANSI STANDARD 60 CERTIFICATION

NSF/ANSI STANDARD 61 CERTIFICATION

NSF H1 CERTIFICATION

Clarion Food Grade Lubricants can help you minimize risk and optimize performance

[VIEW THE QUICK GUIDE](#)



Clarion Lubricants Warranty

Clarion® Lubricants Warranty

Clarion Lubricants warrants that its lubricants (the "Product") meet the standards and specifications set forth on the Product, the packaging of the Product and the Product Information Sheets. In the event that the Product fails to conform with this warranty, Clarion shall be responsible for the reasonable costs of repairs for all damages, which are directly caused by such failure, provided the following steps are performed:

- Written notice of such failure is provided to Clarion within thirty (30) days of discovery of such failure or damages resulting therefrom. Notice should be sent to:

Fluids Technology Manager
Clarion Lubricants
1293 Eldridge Parkway
Houston, TX 77077

- A sample of the used Product from the failed equipment is preserved and is provided to Clarion as well as a sample of the unused Product, if the unused Product is available. Clarion reserves the right to examine the failed engine parts.
- The product was used in accordance with the operating instructions of the manufacturer of the equipment or vehicle.
- Documentation is available to show that the equipment has been maintained in a preventive maintenance program which meets the equipment manufacturer's recommendations.

Clarion is not responsible for any consequential or indirect damages. The foregoing warranty is exclusive and in lieu of all other warranties, whether written, oral or implied (including any warranty of merchantability or fitness for particular purpose).



www.clarionlubricants.com

800-005-0512

Meaning; NSF 3H, H1

(NSF 3H)

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 H1)

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 seal 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.

Meaning;

NSF/ANSI Standard 60/61

Benefits of Certification

NSF/ANSI Standard 60

Certification to NSF/ANSI/CAN 60 ensures that your product meets the regulatory requirements for the USA, Canada, Israel, Saudi Arabia, Spain and the UAE. NSF / ANSI 60 certification can often meet or fulfill the testing requirements for many other countries as well. Market leaders strive to attain NSF certification as a mark of distinction that provides their customers with assurance that the product is safe for use in drinking water.

NSF / ANSI / CAN 60 testing can also provide validation for water well products and subsurface ground fill materials to U.S. EPA drinking water requirements, as well as testing chemicals used in the hydraulic fracturing process.

Certification also allows your company to:

- List your product in our online directory of certified drinking water treatment chemicals
- Use the NSF certification mark on your products and in your promotional materials

NSF/ANSI Standard 61

If you manufacture, sell or distribute water treatment or distribution products in North America, your products are required to comply with NSF / ANSI / CAN 61 : Drinking Water System Components – Health Effects by most governmental agencies that regulate drinking water supplies. Developed by a team of scientists, industry experts and key industry stakeholders, NSF / ANSI / CAN 61 sets health effects criteria for many water system components including :

- Protective barrier materials (cements, paints, coatings)
- Joining and sealing materials (gaskets, adhesives, lubricants)
- Mechanical devices (water meters, valves, filters)
- Pipes and related products (pipe, hose, fittings)
- Plumbing devices (faucets, drinking fountains)
- Process media (filter media, ion exchange resins)
- Non-metallic potable water materials

Title 21 - Food and Drug Administration

CFR code:



<p>Food and Drug Administration, HHS</p> <p>§ 172.879</p> <p>White mineral oil.</p> <p>White mineral oil is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>	<p>§ 172.880</p> <p>Synthetic isoparaffinic petroleum hydrocarbons.</p> <p>Synthetic isoparaffinic petroleum hydrocarbons are hydrocarbons which are synthesized from petroleum and which are suitable for use as a lubricant. They are suitable for use as a lubricant. They are suitable for use as a lubricant.</p>	<p>§ 172.870</p> <p>Lubricant with incidental food contact.</p> <p>Lubricant with incidental food contact is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>
<p>§ 172.882</p> <p>Synthetic isoparaffinic petroleum hydrocarbons.</p> <p>Synthetic isoparaffinic petroleum hydrocarbons are hydrocarbons which are synthesized from petroleum and which are suitable for use as a lubricant. They are suitable for use as a lubricant. They are suitable for use as a lubricant.</p>	<p>§ 172.870</p> <p>Lubricant with incidental food contact.</p> <p>Lubricant with incidental food contact is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>	<p>§ 172.880</p> <p>Synthetic isoparaffinic petroleum hydrocarbons.</p> <p>Synthetic isoparaffinic petroleum hydrocarbons are hydrocarbons which are synthesized from petroleum and which are suitable for use as a lubricant. They are suitable for use as a lubricant. They are suitable for use as a lubricant.</p>
<p>§ 172.879</p> <p>White mineral oil.</p> <p>White mineral oil is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>	<p>§ 172.880</p> <p>Synthetic isoparaffinic petroleum hydrocarbons.</p> <p>Synthetic isoparaffinic petroleum hydrocarbons are hydrocarbons which are synthesized from petroleum and which are suitable for use as a lubricant. They are suitable for use as a lubricant. They are suitable for use as a lubricant.</p>	<p>§ 172.870</p> <p>Lubricant with incidental food contact.</p> <p>Lubricant with incidental food contact is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>
<p>§ 172.860</p> <p>Mineral oil.</p> <p>Mineral oil is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>	<p>§ 172.870</p> <p>Lubricant with incidental food contact.</p> <p>Lubricant with incidental food contact is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant. It is a mixture of hydrocarbons which are refined from petroleum and which are suitable for use as a lubricant.</p>	<p>§ 172.880</p> <p>Synthetic isoparaffinic petroleum hydrocarbons.</p> <p>Synthetic isoparaffinic petroleum hydrocarbons are hydrocarbons which are synthesized from petroleum and which are suitable for use as a lubricant. They are suitable for use as a lubricant. They are suitable for use as a lubricant.</p>

172.878 White Mineral Oil.

172.882 Synthetic Isoparaffinic petroleum hydrocarbons

178.3570 Lubricant with Incidental Food Contact.



172 – Food additives permitted for direct addition to food for human consumption

178 – Indirect Food additives : Adjuvants, production aids, and sanitizers

182 – Substances generally recognized as safe.

178.3600 Mineral Oil.