PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	CHF SYNTHETIC
Product Code	
Symbols	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	CHF Synthetic
Supplier	NONA INDUSTRIAL CC
Updated	April 2023
Review	April 2025
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Hazchem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

ATF is a blend of highly refined mineral oils; containing anti-oxidant, anti-foam, anti-wear and friction modifier additives.

SECTION 3. HAZARDOUS IDENTIFICATION

On the basis of our knowledge of the highly refined mineral oils and on the recommendations of the manufacturers of the additives used. These oils are unlikely to be hazardous to man in normal use.

These oils have a total polycyclic aromatic hydrocarbon (PCA) content well below the level at which carcinogenic effects have been observed in biological testing. In the environment these oils are is likely to biodegrade slowly.

SECTION 4. FIRST AID MEASURES

Ingestion	Harmless if swallowed in small amounts - larger quantities may cause nausea anddiarrhoea.
Ingestion	Wash mouth out with water. Do not induce vomiting because of the danger of aspiration. If aspiration occurs or is expected get immediate medical advice.
Skin	Unlikely to cause irritation, but prolonged orfrequent contact may cause irritation which could result in dermatitis.
Skin	Wash skin as soon as possible with soap and water. Change contaminated clothing and launder before reuse.
Eyes	May cause minor irritation with short-termredness and stinging.
Eyes	Wash out thoroughly with water. If redness and/or irritation continues get medical advice.
Inhalation	Unlikely to be irritant.
Inhalation	If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if iritation continues.

SECTION 5. FIRE FIGHTING MEASURES

Extinguish with dry powder, foam, sand or earth. For small fires use CO 2.
Do not tackle fires with water. Water may be used to cool the surrounding area.
Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

May cause slippery surfaces.
Contain spillage - do not wash spillage down drain. Absorb using absorbent clay, sand or other suitable absorbent. Report any escape to public drainage or water courses to Local Authority andFire Brigade.

SECTION 7. HANDLING AND STORAGE

Handling	Skin contact should be kept to a minimum and good hygiene standards maintained. If prolongedor repeated contact is likely PROTECTIVE CLOTHING, as detailed in Section 8 SHOULD BE WORN when handling this product.
Storage	Drums should be stored on their sides on racks preferably under cover, out of direct sunlight, inwell ventilated conditions. Other types of containers should be stored under cover out of direct sunlight in well ventilatedconditions. Care should be taken to avoid over-stacking.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

As with all mineral oil based products keep skin contact to a minimum and ensure good hygiene standards.

Respiratory protection
Unlikely to be required in normal use. Note occupational exposure limits for Oil Mist (HSE Guidance Note EH 40/94).

Long term exposure limit
(8 hour TWA reference period) 5 milligrams per cubic metre.

Short term exposure limit
(10 minute reference period) - 10 milligrams per cubic metre.

Hand and skin protection
If contained or repeated exposure is likely PROTECTIVE CLOTHING SHOULD BE WORN including gloves (nitrile rubber or neoprene).

Eye protection

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	RED
Density 15°C kg/1	0.866 0.873 0.833
Flash Point (COC) °C	180 180 193
Viscosity at 100 °C cSt	7.0 8.0 7.6

SECTION 10. STABILITY AND REACTIVITY

Conditions to Avoid	Excess heat can lead to decomposition of the constituent additives with evolution of oxides of carbon, sulphur, nitrogen, phosphorous.
Materials to Avoid	May react with strong oxidising materials.
Hazardous decomposition products	Oxides of carbon, sulphur, nitrogen, phosphorous, particulate matter, unburnt hydrocarbons,polycyclic hydrocarbons and unidentified organic and inorganic compounds. With incomplete combustion – carbon monoxide.

SECTION 11. TOXICOLOGICAL DATA

The mineral oils and other components of these oils may be considered not to be essentially toxic in normal handling.

SECTION 12. ECOLOGICAL INFORMATION

No information available but can be expected to biodegrade slowly.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal - by incineration or by methods approved by Local Authority.

SECTION 14. TRANSPORT INFORMATION

Not applicable - non-hazardous.

SECTION 15. REGULATORY INFORMATION

As far as is known not classified according to EEC Directives 67/548/EEC and88/379/EEC.

SECTION 15. OTHER INFORMATION

Note: products do not contain PCBs.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for any other applications. In any case, the following advice should be considered:

FIRST AID: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapour, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical attention. Read and understand the MSDS before using this product.

INJECTION INJURY WARNING: If product is injected into or under the skin, or
into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a doctor as a surgical emergency. Even though initial symptoms from high-pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

SAFETY: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures

DISCLAIMER
Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.
Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by	NONA INDUSTRIAL CC Product Technical Services

For further information Please contact:	Technical manager P.O. Box Tel: 011 664 8659