

## ROTENERGY PLUS – MATERIAL DATA SAFETY SHEET

Date issued: 10/03/04

### 1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product name: **ROTENERGY PLUS** – sheet valid for all viscosity grades

Product type and use: Synthetic based lubricating oil for air compressors

Distributor: **FINI S.P.A.** Via F.lli Vignoli, 3 40069 Zola Predosa BO - Tel.: 051/6168111

Emergency Telephone number: 051/6168111

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization (preparation): Base Oil (Synthetic with highly refined mineral oil) – Synthetic additives with iso-paraffinic diluents. The precise composition of this oil is proprietary. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

All components of this product are listed on the U.S. TSCA inventory.

### 3. HAZARDS IDENTIFICATION

No particular hazards known. (see paragraph 11).

### 4. FIRST AID MEASURES

After contact with eyes: Rinse eyes with plenty of water. Seek medical help if irritation persists.

After contact with skin: Wash off with soap and plenty of water.

After inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.

After ingestion: Wash out mouth immediately. Do not induce vomiting.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry powder, Carbon dioxide, sand, earth, Halon®

Unsuitable extinguishing media: Water jet.

Special Hazards: In case of fire the following can be released – Carbon monoxide, hydrocarbons.

Special protective equipment for firefighters: Standard procedure for chemical fires. Self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear gloves and overalls. Risk of slipping due to leakage/spillage of product.

Environmental precautions: Do not allow it to enter drains, or waterways.

Methods for cleaning up/taking up: Contain spill and keep from entering waterways. Absorb with porous material. Large quantities can be pumped.

### 7. HANDLING AND STORAGE

Handling: Avoid direct contact with product. Avoid formation of aerosol fumes or vapors of product.

Storage: Keep in original packaging. Do not store at elevated temperatures. Keep packaging well closed.

Incompatible materials: Incompatible with strong oxidizing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: hydrocarbon absorbing respirator if misting.

Hand protection: Oil-proof gloves for hypersensitive persons.

Eye protection: Glasses, if applied to parts in motion.

Skin protection: Use overalls. Change immediately if soaked with product.

#### FINI S.p.A.

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 Partita IVA IT: 00515631208  
 Capitale Sociale: 2.600.000,00 Euro



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Form:</u>	liquid	<u>Vapor pressure (kPa):</u>	< 0,1
<u>Color:</u>	RED	<u>Percent Volatiles:</u>	none
<u>Odor:</u>	lubr oil	<u>Density (g/mc3):</u>	> 0,87
<u>pH:</u>	Neutral	<u>Flammability:</u>	Not flammable at ambient temp.
<u>Bowling point:</u>	343°C a 427°C	<u>OAR Value:</u>	UN
<u>Pour point:</u>	-4.4°C	<u>Oxidizing properties:</u>	none
<u>Flash point COC:</u>	>195°C	<u>Water solubility:</u>	insoluble
<u>Autoignition temprature:</u>	> 288°C	<u>Vapor density:</u>	greater than air
<u>Evaporation Rate (Butyl Acetate):</u>	<0.01		

## 10. STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions. No photo reactive agents.

Materials to avoid: Strong inorganic and organic acids, oxidizing agents.

Conditions to avoid: Powerful sources of ignition and extreme temperatures.

Hazardous decomposition products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly composed of soot and mineral oxides.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: not known

Irritancy-Skin: very mild

Skin Sensitization: not known

Subacute/Sub-chronic

Toxicity: not known

Genotoxicity: not known

Chronic Toxicity: not known

Carcinogen: NTP: No

IARC: No

OSHA: No

EC Classification (67/548/EEC): No

LC-50: >200 mg/l – extrapolated from component data

LD-50: Not applicable

## 12. ECOLOGICAL INFORMATION

Use under good working practices avoiding the spreading of product in the environment

Degradability: Product is easily biodegradable.

## 13. ADVISE ON DISPOSAL

Disposal: Dispose of in accordance with your local, state, federal regulations as used oil for reconditioning. Do not dispose of in waterways.

## 14. TRANSPORT INFORMATION

ADR/RID: not classified

Air transport (ICAO, IATA): not dangerous

DOT: not dangerous

Sea transport (IMO, IMDG): not dangerous

UN N°: not applicable

## 15. REGULATORY INFORMATION

Labelling according to EC-guidelines: This product does not require a hazard warning label in accordance with EC-directives/Italian regulations on dangerous substances.

R phases: Not applicable

S phases: S-3 keep cool , S-16 keep away from ignition sources.

Ozone depleting chemicals: Not applicable

## 16. OTHER INFORMATIONS

The information contained herein is accurate and reliable. The data on this sheet is to be used as an information sheet and is not to be intended as a guarantee of its accuracy or reliability. It's the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

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