

SYF-990 SDO PLUS

FOOD GRADE SUGAR DISSOLVING OIL

Product Description

A specially formulated SUGAR DISSOLVING OIL comprising advance technology lubricant.

It is a unique anti-friction metal conditioner. Incorporates a “heat activated” chemical technology to form an extraordinary smooth surface and accomplish unparalleled results. Penetrates the metal surface 3-4 microns deep, making the metal surface smoother and less susceptible to wear and tear without changing any tolerances. Dramatically reduces the coefficient of friction and wear between moving metal parts. Helps to reduce friction in running machines; quieter running; less down time; less wear; longer life expectance. Suitable for the lubrication of slide-ways, conveyor chains, cams, hydraulic systems.

Registered by NSF (Class H1) for use where there is potential for incidental contact with food. These products meet the former guidelines (1998) of the US Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for H1 use (lubricant with incidental food contact) and listed in Miscellaneous Publication List of Proprietary Substances and Nonfood Compounds”. Product contains only substances permitted under US 21 CFR 178.3570, for use in lubricants with incidental food contact.

Properties

- Excellent high temperature oxidization resistance.
- Superior thermal stability
- Extremely low volatility
- Elimination of carton and lacquer deposits
- Lower coefficient of friction

Benefits

- Less maintenance /breakdown/ Less down time.
- Prolonged lubricant life
- Less wastage / Less lubricant consumption
- Less wear and tear
- Reduced power consumption

PETRELPLUS INC.

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Technical Data

PROPERTIES	VALUE	TEST METHOD
Viscosity at 100 ° C	3.52 Cst	ASTM D-445
Viscosity at 40 ° C	16 Cst	ASTM D-445
Viscosity index	93	ASTM D-2270
Pour point	<-60° C	ASTM D-97
Flash Point	221° C	ASTM D-92
Fire Point	250° C	ASTM D-92

Available Packs: 5, 20, 50, 210 Litres.

Shelf Life: 36 Months from the manufacturing month.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

*All related specifications are meets or exceeds.

1. IDENTIFICATION

PRODUCT: - SYF-990/ SDOPLUS Sugar Dissolving Oil
(NSF Certified, Category H1)

Supplier: - PETRELPLUS INC.

One World Center, Tower One, 9Th Floor,

Senapati Bapat Marg, Lower Parel,

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2. COMPOSITION

Chemical name	CAS-No.	Concentration (% w/w)
diammonium hydrogen orthophospha te	7783-28-0	>= 1 - < 10

3. HAZARDS IDENTIFICATION

Not classified as hazardous. Other Hazards:

4. FIRST-AID MEASURES**RESPIRATORY SYSTEM**

Remove to fresh air and get medical attention. **INGESTION**
Do not induce vomiting. Wash mouth out with water and obtain medical attention.

EYES

Rinse immediately with plenty of water for at least 10 minutes.
Get Medical Attention.

SKIN

Remove contaminated clothing. Wash affected area with soap and water, get medical attention.

5. FIRE-FIGHTING METHODS

Foam, carbon dioxide or dry power.

6. ACCIDENTAL RELEASE MEASURES

Contain and absorb in sand or earth. Ensure no material enters drains or water courses. Dispose of as solid waste in accordance with the relevant waste disposal regulations.

Use personal protective equipment

Try to prevent the material from entering drains or water courses.

7. STORAGE AND HANDLING**Storage**

Store in delivery packs in a cool dry place.

HANDLING

At ambient temperatures wear gloves overalls and eye protection. The work area should be adequately ventilated. No eating drinking or smoking in the work area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standard:

The substance with exposure limit is: Notation 1: Exposure Standard: 2nd substance with exposure limit is: Notation 2:

PERSONAL PROTECTION

Respiratory Protection:

Type of Cartridge (if Applicable): Eye Protection: Safety Spectacles Hand Protection: Gloves butyl or nitrile rubber Industrial Hygiene: No eating drinking or smoking in the work area

Ventilation: At room temperature handle in a well-ventilated area. Use exhaust ventilation if exposure to flume or aerosol can occur.

PROTECTION AGAINST FIRE AND EXPLOSION

Combustible but not readily ignited. No explosion hazard.

EC SAFETY PHRASES

Not classified as hazardous

9. TYPICAL PROPERTIES:

Pour point °C	<-60
Flash Point °C	221
Fire point °C	250
Viscosity @ 40 °C CST	16

10. STABILITY AND REACTIVITY**HAZARDOUS REACTIONS**

Comments

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition produces noxious fumes.

11. TOXICOLOGICAL INFORMATION

LD50 Acute Oral Toxicity: > 5000:mg/Kg:Rat LC50 Acute
Inhalation: :mg/1:
Eye Irritation: No: Rabbit Skin Irritation: No.: Rabbit Sensation:
Further Information:

12. ECOLOGICAL INFORMATION

LC50 (96 Hour): mg/1 EC50 (24 Hour): mg/1 Biodegradability
(Coupled units):

13. DISPOSAL CONSIDERATIONS

Solid material should be incinerated. Material absorbed on sand
should be disposed of as solid waste.

14. TRANSPORT INFORMATION

IMDG No.: Not classified

15. REGULATORY INFORMATION



Classification and labeling according to EC Directives 67/548 Not
classified as hazardous. EC Risk Phrases
Not classified as hazardous. Other Hazardous EC Safety Phrases
Not classified as hazardous

16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: - Ensure that all
those within their control who use the products are supplied
with all relevant information contained within the Material
Safety Data Sheet and Technical Bulletin concerning the
applications for which the product is designed and any
instructions or warning

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