



# ULTRA-KOTE-1181

LONG TERM RUST PREVENTIVE FLUID

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## Product Description

ULTRA-KOTE 1181 is a brown solvent deposited rust preventive fluid which, after evaporation of the solvent, gives a hard waxy yet flexible film.

## Applications

ULTRA-KOTE 1181 is a long-term protective for use in severe conditions where a high degree of protection is required. It is ideal for protection of any MS sheet, machines and allied parts which is regularly touched with humid or evaporations of water and chemicals etc.

Also good for certain engine spares such as fuel injector nozzles, fin tubes and similar highly finished parts prior to long-term storage or SEA TRANSPORTATION.

ULTRA-KOTE 1181 used to be applied by immersion, brush or spray.

## Benefits

- Reliable corrosion protection.
- Long bath-lifetimes possible.
- Easy to apply.
- Dries Quickly

## Removal

If required protective films of ULTRA-KOTE 1181 can be removed by using a petroleum solvent or alkaline process cleaner, all available from PETRELPLUS.

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**PETRELPLUS INC.**

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## Typical Properties

ULTRA-KOTE 1181			
Appearance			Amber fluid
Relative Density @ 15°C,	kg/m <sup>3</sup>	DIN 51757	850 – 870
Flash Point, (COC)	°C	DIN 51755	35-45
Viscosity @ 20°C,	mm <sup>2</sup> /s ec	DIN 51562	60-70
Type of Film,			Hard, Waxy
Total Film Forming Content	%		50
Film Thickness	µm		15-40
Coverage	kg/100 m <sup>2</sup>		8-12
Corrosion Protection	Month	Indoor	60 MONTHS
	Month	Outdoor storage*	36 MONTHS
Drying Time	Min		20

**Available Packs: - 5 Litres**

**Shelf Life – 36 Months from the manufacturing.**

\*All related specifications meet or exceed.

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.

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product** RUST PREVENTIVE FLUID  
**Supplier** PETRELPLUS INC  
One World Center, Tower One, 9<sup>th</sup> Floor, Senapati Bapat Marg, Lower Parel, Mumbai-400013, Maharashtra.  
Call # +91 22 6216 7072  
(Monday to Friday)  
Cell # +91 93522 25457  
[marketing@petrelplus.com](mailto:marketing@petrelplus.com)  
[www.petrelplus.com](http://www.petrelplus.com)

## 2. COMPOSITION

Composition of base oil and Proprietary additives.

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous.

## 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 MEASURE

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.

## 7. STORAGE AND HANDLING

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

Appearance	- Amber Fluid
Flash Point, COC, °C	- 35 - 45
Indoor Protection	- 60 months
Outdoor Protection	- 36 months
Drying Time	- 20 minutes

## 10. STABILITY AND REACTIVITY

Stability	- Stable
Conditions to avoid	- Excessive temperatures
Materials to avoid	- Strong oxidizers
Hazardous decomposition products	- Oxides of carbon and nitrogen

## 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: No:  
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  
Packing Groups: IATA-DGR  
Class No.: Not classified  
TREM CARD: Not classified  
RID/ADR Class No.: Not classified Other Information

## 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