



MATERIAL SAFETY DATA SHEET

UPS F. 517 Rust Preventive Oil

Manufactures by : WESTERS INDUSTRIES, PT
Jl. Industri Selatan 10 Blok EE No. 11B Jababeka
industrial District **Cikarang – Indonesia**
Emergency call : [6221-89841382](tel:6221-89841382)
Website : www.westers-ind.com
Email : info@westers-ind.com

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I. Product Identification

Product Name : Rust Preventive Oil
Type No. : F. 517

II. Composition and Information on Hazardous Ingredients

| Chemical Name | CAS No. | % (w/w) | Symbols & Health Risk Phrases |
|---------------------------|---------|---------|-------------------------------|
| No hazardous ingredients. | | | |

III. Physical Description / Properties

| | |
|-------------------------|-------------------------|
| Physical Form: | Grease |
| Colour: | Translucent white |
| Odour: | Odorless |
| Solubility in Water: | Not determined. |
| Boiling Point: | Not determined. |
| Melting Point: | Not determined. |
| Vapor Pressure @ 25°C: | Not determined. |
| Percent Volatiles: | Not determined. |
| Evaporation Rate: | Not determined. |
| Vapour Density (air=1): | Not determined. |
| Specific Gravity: | 1.1 |
| Flash Point: | > 101.1 °C (Closed Cup) |
| Autoignition | Not determined. |
| Temperature: | |
| Upper Flammability | Not determined. |
| Limit: | |
| Lower Flammability | Not determined. |
| Limit: | |

IV. Hazard Identification

Most Important Hazards: Not hazardous.

V. First Aid Measures

| | |
|-------------|--------------------------------|
| Ingestion: | No first aid should be needed. |
| Eye: | Immediately flush with water. |
| Skin: | No first aid should be needed. |
| Inhalation: | No first aid should be needed. |
| Comments: | Treat symptomatically. |

VI. Fire Fighting Measures

| | |
|----------------------------------|---|
| Extinguishing Media: | On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers. |
| Unsuitable Extinguishing Media: | None established. |
| Unusual Fire Hazards: | None. |
| Special Firefighting Procedures: | Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. |



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Other Recommendations: None.

Hazardous Combustion Products: Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

VII. Accidental Release Measure

| | |
|---|---|
| Personal Precautions: Environmental Precautions: Methods for Cleaning up: | Avoid eye contact. Do not take internally. Do not allow large quantities to enter drains or surface waters. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable. |
|---|---|

VIII. Handling and Storage

| | |
|---|---|
| Handling Precautions: Storage Conditions: Unsuitable Packaging Materials: | Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Use reasonable care and store away from oxidizing materials. None established. |
|---|---|

XI. Exposure Control / Personal Protection

Exposure Limits

| <u>Ingredients</u> | <u>CAS No.</u> | <u>Exposure Limits</u> |
|--------------------|----------------|------------------------|
| None known. | | |

Engineering Controls

| | |
|----------------------|------------------------|
| Local Ventilation: | None should be needed. |
| General Ventilation: | Recommended. |

Personal Protective Equipment for Routine Handling

| | |
|-------------------------|--|
| Respiratory protection: | No respiratory protection should be needed. |
| Suitable Respirator: | None should be needed. |
| Eye: | Use proper protection - safety glasses as a minimum. |
| Hand: | No special protection needed. |
| Skin: | Washing at mealtime and end of shift is adequate. |
| Personal Hygiene: | Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. |



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Personal Protective Equipment for Spills

Respiratory protection: No respiratory protection should be needed.
Eye protection: Use proper protection - safety glasses as a minimum.
Skin protection: Washing at mealtime and end of shift is adequate.
Precautionary: Avoid eye contact. Do not take internally. Use reasonable care.
Measures:

X. Stability and Reactivity

Stability: Stable.
Conditions to avoid: None.
Materials to avoid: Can react with strong oxidising agents.
Hazardous Decomposition: Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.
Products:
Hazardous Polymerization : Hazardous polymerization will not occur.

XI. Toxicological Information

Possible Health Effects

Acute

Skin: No significant irritation expected from a single short-term exposure.
Eye: Direct contact may cause temporary redness and discomfort.
Inhalation: No significant effects expected from a single short-term exposure.
Ingestion: Low ingestion hazard in normal use.

Chronic

Skin: No known applicable information.
Inhalation: No known applicable information.
Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
Other Health Hazard Information: No known applicable information.

LD50 (Oral): Not determined.
LD50 (Dermal): Not determined.
LC50 (Inhalation): Not determined.

XII. Ecological Information

Environmental Fate and Distribution

Solid material, insoluble in water. No adverse effects are predicted.

Environmental Effects

No adverse effects on aquatic organisms are predicted.
Bioaccumulation: No bioaccumulation potential.

Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.



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XIII. Disposal Information

Product Disposal: Dispose of in accordance with local regulations.
Packaging Disposal: Dispose of in accordance with local regulations.

Chemical Inventories

DSL: All chemical substances in this material are included on or exempted from the DSL.
EINECS: All ingredients listed or exempt.
AICS: All ingredients listed or exempt.
MITI: All components are listed on ENCS or its exempt rule.
PICCS: All ingredients listed or exempt.
TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
KECL: All ingredients listed, exempt or notified.
IECSC: All ingredients listed or exempt.