



MATERIAL SAFETY DATA SHEET

SUBJECT : UPS F. 118
Stainless Steel Pickling Paste

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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A. PHYSICAL DATA :

- Boiling point (760 mm Hg) : Above 392° F (200° C)
- Solubility : Miscible in all Proportions
- Specific gravity (25° C) : 1.10
- Vapor density : Not Relevant
- Flash Point (° C) : Not Flammable
- pH : 0 (Strong Acid)
- Appearance : Strongly Acidic, Colorless, Odorless Liquid
- Odor : Acid
- Vapor pressure : Less +
- % Volatile by volume : 80%

B. HAZARDOUS DATA :

Component	Weight %(appr)	TLV in ppm
- Sulphuric Acid	10% - 30%	-
- Hydrofluoric Acid	10%	-
- Surfactant	Less than 10%	-
- Inhibitor	10%	-

C. HEALTH HAZARD INFORMATION :

HEALTH EFFECTS

Acute Swallowed : corrosive and poisonous. Causes burns to mouth, throat
And gastro-intestinal tract.
Eye : Corrosive.
Skin : Corrosive.
Inhaled : Corrosive mist.
Chronic : Prolonged exposure to low concentration is corrosive to
Skin, eyes, and mucous membranes.

FIRST AID

Swallowed : contact a doctor or poisons information center. Urgent
Action is essential. DO NOT induce vomiting. Give a glass
Of water. Repeat if vomiting occurs. If the patient is not fully
Conscious do not give anything by mouth.
Eye : if contacted in the eyes or on yhe face, remove contact
Lenses if worn. Hold eyes open and flood with water for at
Least 15 minutes. Get urgent medical attention.



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Skin : Remove contaminated clothing and wash skin thoroughly
With water.

Inhaled : Remove from contaminated area.

ADVICE TO DOCTOR : TLV – Peak Limitation for hydrofluoric acid (as F) is 3 ppm,
TLV – TWA for sulphuric acid is 1 mg/m³

PRECAUTIONS FOR USE

Exposure Limits : Not Applicable.

Ventilation : No special requirement.

Personal Protection : No special precaution.

Flammability : Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport : No speial precautions.

Spills and Disposal : Flush away with water.

Fire / Explosion : Use water jets, water fog, foam or dry agent.

Other Information : None