





# MATERIAL SAFETY DATA SHEET

**SUBJECT : UPS F. 122**  
**Drain Opener**

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](http://www.westers-ind.com)  
Email : [info@westers-ind.com](mailto:info@westers-ind.com)

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Acute Toxicity : No toxic  
Threshold Limit Value : No limit known

## Health effects

**Acute** Swallowed : Irritating and nauseating. May cause burns if undissolved product  
Is taken into mouth.  
Eye : Strongly irritating  
Skin : Mildly irritating  
Inhaled : May cause dizziness or headache on prolonged

**Chronic** : Prolonged exposure to low concentration  
Solutions may cause irritating to skin. Should an unfavourable  
Skin reaction occur. Discontinue use until condition subsides.  
Applying protective layer by regular use of a barrier cream  
Such as UPS CHEMICAL mantle minimises such irritation

## First Aid

Swallowed : Gives a glass of water and consult a doctor  
Eye : Remove contact lenses if worn and wash eyes with water for  
15 minutes. Get medical attention.  
Skin : Wash with water. Remove contaminated clothing and wash skin  
Thoroughly with water.  
Inhaled : Leave contaminated area.

**Advice to Doctor** : Alkaline detergent



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## III. PRECAUTIONS FOR USE

- Exposure standards : Toxic data for the water soluble solvent is:  
Oral LD50 (rat) > 5000 mg / kg  
Derma LD 50(rabbit). 4000 mg / kg  
TLV not reported. Volatility is very low –  
Vapour pressure < 0.1 kPa
- Engineering control : When used according to directions there is no special  
Ventilation requirement
- Personal Protection : Keep out of the eyes and mouth. Avoid contact of  
Undiluted product with the skin
- Flammability : Not Flammable

## IV. SAFE HANDLING INFORMATION

- Storage and Transport : No special precautions
- Spills and Disposal : May be flushed to sewer with water but prevent, by any means  
Available, spillage from entering strom water drains or water  
Course.  
To contain spillage, absorb on vermiculite or similar absorbing  
Material, such as UPS CHEMICAL and collect in drum.  
Residues may be flushed away with water
- Fire / Explosion Hazard : Use water fog, foam or dry agent. Wear full body protective  
Clothing with breathing apparatus and protective gloves.  
Dilute wash to drain with large quantities of water