

**We deliver the quality**

# HRL-100

Sodium Petroleum Sulfonates

## Description

HRL-100 is the basic raw material for various formulations used of Metal working fluids and Lubricants..

## Composition

A combination of Sulfonic Acids,Petroleum, Sodium Salts .

## Chemical Name:

Sodium Petroleum Sulfonates

## Cas

68608-26-4

## General Properties

HRL-100 is obtained from sulfonation of base oil, neutralised by Sodium Hydroxide. The product mainly works as a surface Active Agent, Emulsification & dispersion of liquids, Wetting & Dispersion of Liquid – Solid System, Inhibition of Rust & Corrosion, Dispersion & Wetting of Solids..

## Typical Properties

Appearance	Dark Brown Viscous Liquid
Active Matter (as Sodium Sulphonate, Wt.%)	62.0
Mineral Oil Content, Wt. %	35.0
Inorganic Salt (as Sodium sulphate, Wt. %	0.5
Water, Wt. %	1 – 3%
Alkalinity (as NaOH, Wt. %	0.15 Max.
Acidity, Wt. %	Nil.
Specific Gravity (H2O=1)	1 at 16°C
Solubility in water	May Emulsify

## Dosage

It is widely used in the manufacturer of soluble Cutting Oils, Emulsifiers of Soluble Cuttings Oils, Rust Preventives, Leather Chemicals / Fat Liquor, Metal Treatment Chemicals, Textiles Auxiliaries, Ore Floatation Chemicals, Inks etc. This product is miscible with Oil and Solvent.

The **Sonachi** Laboratory will be ready to assist in the optimization of the dosages required for the products. This facility is most useful where formulation has greater microbiological susceptibility.

## Method of Use

HRL-100 can be added either manually or by automatic metering device, at any stage of the production process but since protection is required throughout, it is recommended to use at early stage.

## Compatibility

HRL-100 is compatible with most of the raw materials used in the microbiological susceptible products. It causes no discoloration and may be used in formaldehyde sensitive systems.

## Availability

HRL-100 is available in 200 Ltr and 50 Ltr packs , but smaller packing is made available on special demand in certain cases.

## Storage

It is also recommended that product should be stored in original Sonachi sealed containers at ambient temperature and protect from direct exposure of sunlight.

## Handling

Do not get in eye. Avoid prolonged or repeated contact with skin. Avoid breathing vapor. Use with adequate ventilation., Wash thoroughly after handling

## OTHER APPLICATIONS

Dry cleaning solvents  
Leather processing  
Printing ink  
Oil well drilling fluids

### SONACHI INDUSTRIES LTD

A-38, Raj Industrial Complex, 2nd. Floor, Military Road, Andheri (East), Mumbai – 400 059.

Tel : 91-22-67834500/ 66929981 / 82.

Fax :66939981 /267834555

E-mail :sales@sonachigroup.com

Website: [www.sonachigroup.com](http://www.sonachigroup.com)

**NEW GENERATION PRODUCTS**