

Liquid Sodium Hypophosphite

Palm International's Liquid Sodium Hypophosphite is blended exclusively from high purity SHP for use in the surface finishing industry as a reducing agent for Electroless Nickel or antioxidant in chemical processing. LSHP has many applications including use as a catalyst in some polymerization reactions, as a stabilizer to prevent degradation of polymers during extrusion or as a partial flame retardant. Palm's LSHP is the purest material available commercially and is made to demanding specifications that are subjected to stringent quality control standards and testing.

Store in a cool dry ventilated area away from foodstuffs. Keep containers tightly closed



Concentration

5.67 pounds of $\text{NaH}_2\text{PO}_2 \cdot \text{H}_2\text{O}$ salt per gallon

Appearance

Clear Colorless Liquid

Contaminants

Measured in ppm

Analysis:

Parameter	Specification	Typical
Sodium	660 - 700 g/l	680 g/l
Hypophosphite pH	6.0 - 8.0	7.0
Calcium	< 50 ppm	5 ppm
Heavy Metals	< 5 ppm	< 5 ppm
Specific Gravity	1.25 - 1.35 SG	1.30 SG

Shelf Life

If stored at a temperature above 32°F, and in its original container, this solution has an indefinite shelf life.

Packaging

55 gallon drums, 275 gallon totes, or 4000 gallon tanker.

Storage / Safety

Store in a cool dry ventilated area, away from oxidizing agents.