

## TRI BASIC LEAD SULPHATE (TBLS) $3PbO.PbSO_4.H_2O$

### PROPERTIES

Appearance	White Powder
Molecular Weight	990
Specific Gravity	6.6 to 6.7
Refractive Index	2.1
Total Lead as PbO	87 – 89%
Moisture Content	0.25% max
Active PbO	66% min
Bulk Density, Free Flowing	0.8-1.2 gm/ml
Particle Size (500 mesh)	99% min

### RECOMMENDED DOSAGE

Rigid Pipes / profiles - 2.5-3.0 phr  
Wires / Cables - 4.0-5.0 phr

### PACKING

25 kgs. HDPE bags with Polythene Liner

### APPLICATIONS

- Primarily used as heat stabilizer in PVC formulation.
- Widely used in rigid PVC pipes, profiles & cables.
- Also used in reinforced suction hose, sheet & tubing.

## DI BASIC LEAD STEARATE (DBLS) $2PbO.Pb(C_{18}H_{35}O_2)_2$

### PROPERTIES

Appearance	White Powder
Molecular Weight	1220
Specific Gravity	1.9 to 1.95
Refractive Index	1.6
Total Lead as PbO	53-56%
Moisture Content	0.5 % max
Bulk Density, Free Flowing	0.45-0.65 gm/ml
Particle Size (240 mesh)	99 % min

### RECOMMENDED DOSAGE

0.5-1.5 phr

### PACKING

25 kgs. HDPE bags with Polythene Liner

### APPLICATIONS

- Primarily used as a heat stabilizer and lubricant in PVC formulation.
- Widely used in rigid PVC pipes, profiles and cable compounds.
- Also used in reinforced suction hose, sheet and tubing.

## DI BASIC LEAD PHTHALATE (DBLPH) $C_6H_4(COO)_2 Pb.2PbO$

### PROPERTIES

Appearance	Creamy White Powder
Molecular Weight	817
Specific Gravity	4.4 to 4.6
Refractive Index	1.9
Total Lead as PbO	79 - 81%
Moisture Content	0.5% max
Bulk Density, Free Flowing	0.5 - 0.7 gm/ml
Particle Size (400 mesh)	99% min

### RECOMMENDED DOSAGE

2-3phr

### PACKING

25 kgs. HDPE bags with Polythene Liner

### APPLICATIONS

- Primarily used as heat stabilizer in PVC formulation.
- Widely used in cables and wire compounds.
- Also used in sheetings and other foamed PVC products.

## LEAD STEARATE (LS) - $Pb(C_{18}H_{35}O_2)_2$

### PROPERTIES

Appearance	White Powder
Molecular Weight	774
Specific Gravity	1.35 to 1.4
Refractive Index	1.2
Total Lead as PbO	29-31%
Moisture Content	0.5% max
Bulk Density, Free Flowing	0.35-0.45 gm/ml
Particle Size (240 mesh)	98% min

### RECOMMENDED DOSAGE

0.5 – 2.0 phr

### PACKING

25 kgs. HDPE bags with Polythene Liner

### APPLICATIONS

- Primarily used as internal lubricant and stabilizer in PVC.
- Widely used in rigid PVC pipes, profiles and cable compounds.
- Also used in reinforced suction hoses, sheets, tubings, petroleum, greases, varnish and paints.

## DI BASIC LEAD PHOSPHITE (DBLP) - $2PbO.PbHPO_3$

### PROPERTIES

Appearance	White Powder
Molecular Weight	743
Specific Gravity	6.8 to 7.0
Refractive Index	2.25
Total Lead as PbO	88-89%
Moisture Content	0.5% max
Bulk Density, Free Flowing	0.5-0.7 gm/ml
Particle Size (400 mesh)	99% min

### RECOMMENDED DOSAGE

0.75-4 phr

To be used along with other external and internal lubricants such as lead stearate, DBLS, calcium stearate, stearic acid and paraffin wax.

### PACKING

25 kgs. HDPE bags with Polythene Liner.

### APPLICATIONS

- Primarily used as light and heat stabilizer in PVC formulation.
- Anti-oxidising and ultra-violet screening for vinyl and chlorinated resins.
- Widely used in rigid PVC profiles, pipes and PVC compounds. Also used in plastics.

