

# CERTIFICATE OF PRODUCT SPECIFICATION & QUALITY CONTROL



## 1. Manufacturer and product

Road Material Stabilizers (Pty) Ltd Unit 32 Mimosa Road Jet Park Boksburg  
*ISS 2500<sup>®</sup> Ionic Soil Stabilizer<sup>®</sup>*

CAS No: Not Applicable – Mixture

## 2. Formulation and specifications

*ISS 2500<sup>®</sup> Ionic Soil Stabilizer<sup>®</sup>* is a water-soluble oily solution of ion exchange resins, sulphonated petroleum resins (modified) derived from combined sulphur and buffered acids that are combined as bisulphates. The solvent's active components of the concentrate are  $\pm 20\%$  which include the acids.

Components	SABS	CAS number	%	
			min	max
Sulphonated petroleum resins	—	NA – Mixture	15	20
Ion exchange resins	—	NA – Mixture	15	20
Mixture of nonionic and ionic components	—	NA – Mixture	5	10
Water	241	—	60	70

All product batch tested.

## 3. Physical data

Material: Liquid, 100% organic  
Appearance/odour: Oily, dark coloured, with characteristic odour  
Specific Gravity @ 20°C:  $H_2O = 1.0 > 1.15$  min  
pH @ 25°: <2  
Solubility in water: Completely soluble

## 4. Storage

Indefinite shelf life. Not affected by temperature extremes or light. Chemically stable.  
No polymerization will occur.

## 5. Packaging

Containers: 210R L-ring UN No ZACT445, Certificate No 1H1-Y1.6-100-00. Although UV-protected, it is recommended that long-term storage be under cover. All product supplied sealed.

## 6. Environmental

100% organic, non-flammable, non-toxic, non-hazardous and environmentally safe (USEPA 1991).

  
G Julian Joffe  
Road Material Stabilisers (Pty) Ltd  
January 2015

\* For further information, see MSDS

All data in this Certificate supplied by internationally accredited laboratories in accordance with the International Laboratory Accreditation Cooperation (ILAC), International Arrangement to Enhance Trade, Washington DC 2 November 2000.

Directors: E Joffe GJ Joffe  
Vat No 48612059