

MATERIAL SAFETY DATA SHEET

SREEINIVASA INDUSTRIES

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PRODUCT NAME : ZINC OXIDE

General

Synonyms: calamine, zinc white, flowers of zinc

Molecular formula: ZnO

CAS No: 1314-13-2

Physical data

Appearance: white powder

Melting point: 1975 C

Boiling point: sublimes at 1800°C

Vapour density: 5000kgm⁻³

Vapour pressure: negligible

Density (g cm⁻³): 5.67

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: negligible

Stability

Stable. Incompatible with magnesium, strong acids.

Toxicology

Harmful if inhaled. Respiratory and eye irritant.

Transport information

Non-hazardous for air, sea and road freight.

Personal protection

Avoid breathing dust.