



# RUBBERAID® ZA73

## TECHNICAL DATA SHEET

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### Product Name:

RubberAid® ZA73

### Composition:

Mixture of Zinc soaps of Aliphatic and Aromatic carboxylic acids

### Purpose:

Rubber Processing Additive / Peptizer / Activator/Anti Reversion

### Typical Properties

Appearance	: Grey White – Creamish Pastilles/ Flakes
Specific Gravity	: 1.24 ± 0.05
Dropping Point (Mettler Method, °C)	: 110 ± 7
Ash Content (850 °C / 2Hr, %)	: 20 ± 2
Zinc Content (Wt. %)	: 17 ± 1

### Suggestions / Recommendations for Applications

Rubber Aid – ZA 73 is an effective activator for the sulfur vulcanization of diene rubbers, especially natural rubber and improves rubber compound modulus.

- It provide improvements like, reversion resistance in NR and NR/ SBR based compounds, less heat buildup under dynamic load, lowers rolling resistance, improved properties at high temperature cures and viscosity reduction at high shear in rubber compounds.
- It is an effective physical peptizer for the mastication of NR. It improves processability in mixing, extrusion & molding. It does not reduce physical properties of NR compound like chemical peptizer
- It reduces mooney viscosity of the compound and behave as processing aid.
- It could partially replace stearic acid or other fatty acid-based activators.

### Dosage:

2 - 5 phr, in combination with 3 - 5 phr ZnO

### Packaging

Packed in 25 kilo Paper Bags / Cartons

### Shelf Life & Storage conditions.

It is stable for 2 (two) years from the date of manufacturing. It should be stored in a cool dry place. Retest can be done after 2 years for extension of validity of the properties of the product.

### Handling Precaution

Refer SDS for complete details

#### Disclaimer

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testing to ensure suitability for intended processes and use. Each producer is responsible and liable to observe legislation and patent rights of third parties. We accept no liability for any use or application unless explicitly stated by us. These data are not to be considered as specification.

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