

ICS 71.060.50

ISBN 0-626-14809-X

**SANS 638:2004**

Edition 3

**SADC HS 15:2004**

Edition 1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **SADC HARMONIZED STANDARD**

### **Food grade salt**

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Published by Standards South Africa  
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[www.stansa.co.za](http://www.stansa.co.za)  
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**SANS 638:2004**  
Edition 3

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Abstract**

Specifies requirements for food grade salt, both for direct sale to the consumer and for use in food manufacturing. It includes salt obtained from the sea, from underground rock salt deposits and from natural brine. It covers general and detailed requirements, sets limits for contaminants and prescribes packing and marking requirements.

**Keywords**

alkalinity, anti-caking agent, chloride content, commercial grade, contaminants, fineness of grain, food manufacturing salt, free-flowing agent, household salt, iodized salt, moisture, red halophylic bacteria, salt (food grade), sodium chloride, sterilized salt, table salt, technical grade, total iodine, visible impurities.

**Foreword**

This South African standard was approved by National Committee StanSA SC 5140.23B, *Additives and ingredients for use in food products – Various salts*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This edition cancels and replaces the first revision (SABS 638:1961).

Reference is made in 3.3, 4.2 and 6.2.1 to regulations promulgated in terms of the "relevant national legislation". In South Africa this means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972).

Annexes A and B form an integral part of this standard. Annex C is for information only.

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## **Food grade salt**

### **1 Scope**

This standard specifies requirements for food grade salt, both for direct sale to the consumer and for use in food manufacturing. It also applies to salt used as a carrier of food additives or nutrients (or both). It includes salt obtained from the sea, from underground rock salt deposits and from natural brine.

### **2 Normative references**

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards can be obtained from Standards South Africa.

CODEX STAN 150, *Codex standard for food grade salt.*

ESPA/CN-E/101, *Sodium chloride – Determination of copper – Zinc dibenzylthiocarbamate photometric method<sup>1)</sup>.*

ESPA/CN-E/102, *Sodium chloride – Determination of iron – 1,10-phenanthroline photometric method<sup>1)</sup>.*

ESPA/CN-E/105, *Sodium chloride – Determination of arsenic – Silver diethyldithiocarbamate photometric method<sup>1)</sup>.*

ESPA/CN-E/106, *Sodium chloride – Determination of total mercury – Flameless atomic absorption spectrometric method<sup>1)</sup>.*

ESPA/CN-E/107, *Sodium chloride – Determination of total cadmium – Flame atomic absorption spectrometric method<sup>1)</sup>.*

ESPA/CN-E/108, *Sodium chloride – Determination of total lead – Flame atomic absorption spectrometric method<sup>1)</sup>.*

ESPA/CN-E/109, *Sodium chloride – Determination of total iodine – Titrimetric method with sodium thiosulphate<sup>1)</sup>.*

ESPA/CN-E/111, *Sodium chloride – Determination of water soluble hexacyanoferrate (II) – Prussian blue photometric method<sup>1)</sup>.*

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1) Sodium chloride standard method of the European Salt Producers' Association (ESPA), which replaced the European Committee for the Study of Salt (ECSS) in 1993.