



UN RATIONS STANDARD

DATE: 30/10/2011

BAKING SODA

ED No: 01

CODE: UNSTD-COM 4103

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1. PRODUCT NAME

BAKING SODA

PRODUCT RISK

LOW

MEDIUM

HIGH

2. DESCRIPTION



Baking soda is a chemical compound Sodium Hydrogen Carbonate (NaHCO_3) used as a leavening agent in baking. It is also used for cooking, it is used to tenderise vegetables and pulses during the cooking process.

3. INGREDIENTS

3.1. ESSENTIAL INGREDIENTS

Sodium Bicarbonate (NaHCO_3)

3.2. OTHER PERMITTED INGREDIENTS

Food Additives: See Codex General Standard for Food Additives (GSFA) Database and where permitted, only those individual additive(s) indicated for the product shall apply and only within the limits specified.

4. PROCESSING

Processing

4.1. CODEX "CAC/RCP 1-1969, Rev. 4-2003; Code of Practice- General Principles of Food Hygiene including annex on HACCP systems and guidelines for application.

5. MICROBIOLOGICAL CRITERIA

FOOD SAFETY PARAMETERS

MAXIMUM LIMITS

- The product shall comply with any microbiological criteria established in accordance with Codex Guideline CAC/GL: 21-1997 "Principles for the Establishment and Application of microbiological criteria for food;
- The product shall be free from microorganisms in amounts which may represent a hazard to health and shall be free from any substance originating from microorganisms in amounts which may represent a hazard to health.

6. CHEMICAL CRITERIA

SAFETY PARAMETERS

MAXIMUM LIMITS

Available Carbon dioxide

Not less than 8%

Residual carbon dioxide

≤ 1.5%

QUALITY PARAMETERS

MAXIMUM LIMITS

N/A



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7. PHYSICAL CRITERIA

PARAMETER	LIMITS
Appearance	White fine powder
Granularity	100% of the baking powder shall pass through a 177 μ sieve.

8. CONTAMINANTS

N/A

9. NUTRITIONAL FACTS (Approximate values per 100 g)

NUTRIENTS	AMOUNT PER 100 g OF PRODUCT
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10. PACKAGING

PARAMETER	LIMITS
Primary packaging	Food grade polyethylene or equivalent packing material that maintains product's both organoleptic qualities and sanitary integrity. Able to withstand the rigors of transport and handling.
Secondary packaging	Corrugated paper box or packing that protects integrity of the primary packages, and withstands the rigors of transport and handling.
Primary packaging net weight	Up to 250 g
Warranty at delivery location	4 Months

11. LABELLING

- UNSTD-GEN-02 "UN Product Labelling"

12. OTHER REQUIREMENTS

- UNSTD-GEN-03: "UN Inspection"
- UNSTD-GEN-04: "UN Certification"