



National Standard of the People's Republic of China

GB/T 13171.2—2009  
Partly replace GB/T 13171—2004

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Laundry powders  
(phosphate free)

洗衣粉(无磷型)

(*English Translation*)

**Issue date:** 2009-12-15

**Implementation date:** 2010-05-01

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Issued by General Administration of Quality Supervision, Inspection and  
Quarantine of the People's Republic of China  
Standardization Administration of the People's Republic of China

## Foreword

SAC/TC 272 is in charge of this English translation. In case of any doubt about the contents of English translation, the Chinese original shall be considered authoritative.

The GB/T 13171 *Laundry powders* consists of the following two parts: under the general title:

—GB/T 13171.1 *Laundry powders (phosphorous)*;

—GB/T 13171.2 *Laundry powders (phosphate free)*.

This is Part 2 of GB/T 13171.

This part replaces the *Laundry powders (phosphate free)* part of the previous edition of GB/T 13171—2004 *Laundry powders* from the implementation date.

The following deviations have been made with respect to the GB/T 13171—2004 *Laundry powders*.

—The requirement for total active matter in concentrated laundry powder has been refined.

—The requirement for assessment of fabric damage after washing has been added.

This part was proposed by China National Light Industry Council.

This part was prepared by SAC/TC 272 the National Technical Committee on Surfactant and Detergent of Standardization Administration of China.

The previous editions of this part are as follows:

—GB/T 13171—1991、GB/T 13171—1997、GB/T 13171—2004.

# Laundry powders (phosphate free)

## 1 Scope

This part of GB/T 13171 specifies classification, code, marking, requirements, test methods, rules for inspection, sign, packaging, transport and storage of laundry powder (phosphate free).

This part is applicable to the laundry powder without phosphates in formulation.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of GB/T 13171. For dated references, subsequent amendments (excluding corrections), or revisions, of any of these publications do not apply to this part of GB/T 13171. However parties to agreements based on this part of GB/T 13171 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

GB/T 6368, *Surface active agents—Determination of pH of aqueous solution—Potentiometric method*

GB/T 13171.1—2009, *Laundry powders (phosphorous)*

GB/T 13173—2008, *Surface active agents—Detergents—Testing methods*

GB/T 13174, *Determination of detergency and cycle of washing property for laundry detergents*

GB/T 15818, *Test method for biodegradability of surfactants*

QB/T 2951, *Inspecting rules for detergent products*

QB/T 2952, *Requirements for detergent marks and packaging*

JJF 1070—2005, *Rules of metrological testing for net quantity of products in prepackages with fixed content*

Order No. 75 [2005] of General Administration of Quality Supervision, Inspection and Quarantine *Measures for the measurement supervision and administration of prepackaged commodities with*