

# Sodium Hydroxide

## Product Regulatory Data Sheet

### Section 1 – Product Information

#### Products Covered

<u>Brand</u>	<u>Product Code</u>	<u>Product Description</u>	<u>MOC* code</u>
J.T.Baker®	0312	Sodium Hydroxide, 10N Solution Biotech Reagent	R
J.T.Baker®	0328	Sodium Hydroxide, 1.0N Solution Biotech Reagent	R
J.T.Baker®	0329	Sodium Hydroxide, 0.5N Solution Biotech Reagent	R
J.T.Baker®	0338	Sodium Hydroxide, 25% Solution Biotech Reagent	R
J.T.Baker®	0339	Sodium Hydroxide, 50% Solution Biotech Reagent	R
J.T.Baker®	0389	Sodium Hydroxide, 1.0N Solution Biotech Reagent	R
J.T.Baker®	0390	Sodium Hydroxide, 2.0N Solution Biotech Reagent	R
J.T.Baker®	0895	Sodium Hydroxide, 5.0N Solution Biotech Reagent	R
J.T.Baker®	0896	Sodium Hydroxide Solution 40% (w/w) Biotech Reagent	R
J.T.Baker®	0897	Sodium Hydroxide, 50% Solution Biotech Reagent	R
J.T.Baker®	3718	Sodium Hydroxide, Pellets, N.F. Multi-Compendial	R
J.T.Baker®	3728	Sodium Hydroxide, Pellets N.F. - F.C.C.	R
J.T.Baker®	5000	Sodium Hydroxide, 10N Solution Biotech Reagent	R
J.T.Baker®	5668	Sodium Hydroxide, 5N Solution Biotech Reagent	R
Macron Fine Chemicals™	7001	Sodium Hydroxide, N.F., A.C.S.	R
Macron Fine Chemicals™	7680	Sodium Hydroxide, Pellet N.F. - F.C.C.	R
Macron Fine Chemicals™	7772	Sodium Hydroxide, Pellet NF - GenAR®	R

\*MOC = Management of Change

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## ***Section 2 – Manufacturing, Packaging and Release Site Information***

The products in Section 1 are manufactured according to current Good Manufacturing Practices (cGMPs) as set forth by International Pharmaceutical Excipients Council (IPEC) guidelines.

A number of the cGMP produced products that are sold by Avantor Performance Materials, Inc. may not be originally manufactured at our sites. However, we perform the analytical and stability testing for these products and repackage the products where applicable. With ISO and cGMP procedures in place at our facilities we can ensure, and take complete responsibility for, the traceability and quality of the finished, packaged product that we offer.

The original manufacturer and address will be referenced on the Certificate of Analysis as an alpha or alpha-numeric **manufacturer code** rather than listing the full name and address. This practice is compliant with both ICH Q7 Good Manufacturing Guidance for Active Pharmaceutical Ingredients (APIs) and IPEC guidelines and it meets cGMP requirements. For instructions to decipher the manufacturer reference code please consult our website. Instructions can be found in the Ask Avantor Q&A Center of the customer support section of our web site or by directly linking to [www.askavantor.com](http://www.askavantor.com) Keyword: Manufacturer Code.

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## ***Section 3 – Physical/Chemical Information***

**CAS #:** 1310-73-2

**Manufacturing Process:** Synthesis

**Raw Material Origin:** Chemical

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## ***Section 4 – Regulatory Information***

**Compendial Compliance:** Please see the current product specifications at [www.avantormaterials.com](http://www.avantormaterials.com).

**DMF:** Avantor Performance Materials, Inc. does not carry a Drug Master File for these products.

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**BSE/TSE Status:** The subject materials are manufactured from raw materials that contain NO animal parts, products, and/or by-products nor do they come in contact with animal parts, products, and/or by-products.

**Allergen/Hypersensitivities Information:** The products listed do not contain cereals containing gluten (i.e. wheat, rye, oats, barley, spelt, kamut or their hybridized strains), malt, triticale, gluten, other grains, corn, soy, soybeans, eggs, yeast, canola, milk, dairy products, fish, crustacean shellfish, seafood products, tree nuts, peanuts, nut products (i.e. Almond (*Amygdalus communis* L.), Hazelnut (*Corylus avellana*), Walnut (*Juglans regia*), Cashew (*Anacardium occidentale*), Pecan nut (*Carya illiniesis* (Wangenh.) K. Koch), Brazil nut (*Bertholletia excelsa*), Pistachio nut (*Pistacia vera*), Macadamia nut and Queensland nut (*Macadamia ternifolia*)), seed products (sesame seeds and products thereof), natural grape products, natural flavors, artificial flavors, celery, mustard, lactose, sulfites, elemental sulfur, preservatives, MSG, disodium guanylate/inosinate, artificial sweeteners, phenylalanine, additives, colorants, dyes, or natural rubber (latex). These products are manufactured using cGMP guidelines which provide controls that allow no potential for cross contamination of any allergens or other products.

**GMO Information:** The subject materials, including any raw materials and processing aids, are NOT subject to genetic modification.

**Residual Solvents/Organic Volatile Impurities (OVI) Information:** The subject materials (all lots) comply with the requirements of the ICH Q3C Residual Solvents Guideline and USP<467>Residual Solvents. No Class 1, 2, 3 or other solvents are used or produced in the manufacturing or purification of the product.

**Residual Metallic Catalysts:** No metal catalysts or metal reagents, as defined by EMEA Guideline on the Specification Limits for Residues of Metal Catalysts or Metal Reagents (CPMP/SWP/QWP/4446/2000), are used in the production of the above subject materials..

**Kosher Status:** Certified Kosher – Pareve for year-round use. Please refer to the customer support section of our website for our most up to date listing of Kosher products. ([www.askavantor.com](http://www.askavantor.com) Keyword: [Kosher](#))

**Halal Status:** Macron Fine Chemicals™ 7680, 7772 and J.T.Baker® 3718, 3728 are Halal Certified. Please refer to the customer support section of our website for our most up to date listing of Halal products. ([www.askavantor.com](http://www.askavantor.com) Keyword: [Halal](#))

**GRAS Status:** The United States Food and Drug Administration (FDA) have acknowledged that the sodium hydroxide is a substance Generally Recognized as Safe (GRAS) in foods when used in accordance with the requirements and limitations per 21 CFR part 184.1763.

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## **Section 5 – Miscellaneous Product Information**

**Certificate of Analysis Date Format:** The Manufactured Date and Expiration/Retest Date on the C of A are reported as YYYY/MM/DD from our ERP system effective April 30, 2012. For example, the Manufactured Date for October 1, 2012 would be reported as 2012/10/01.

Prior to ERP implementation, the Release Date on the C of A was reported as MM/DD/YYYY. For example, the Release Date for October 1, 2012 would have been reported as 10/01/2012.

**Lot Numbering System and Batch Description:** Please refer to the customer support section of our website for information concerning our lot/batch numbering system. ([www.askavantor.com](http://www.askavantor.com) Keyword: Lot Number)

**Shelf Life Information:** If a product has an assigned expiration or retest period, the date will appear on the certificate of analysis. For products that do not have assigned dates please contact Technical Support through the customer support section of our website for our product stability profiles. ([www.askavantor.com](http://www.askavantor.com) Keyword: Expiration)

**Nutritional/Supplement Facts Labeling:** Bulk food chemicals that are intended for the use in manufacturing of finished food products or for products that are to be processed, labeled, and/or repacked at a site other than where it's originally processed or packed, are exempt from the Nutrient Content Evaluation and Nutrient Labeling Requirements. (21 CFR 101.9(j)(9))

**Organic Status:** The products listed in Section 1 are not certified as organic. However, to the best of our knowledge, the product is not produced using Ionizing Radiation as described in 21 CFR 179.26 or Sewage Sludge as described in 7 CFR Section 205.2.

**Management of Change:** Please refer to the customer support section of our website for information concerning our Management of Change program. ([www.askavantor.com](http://www.askavantor.com) Keyword: MOC)

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### **Section 6 – Revision History**

Rev. 0; Oct. 1, 2007 – IPEC EIP format

Rev. 1; Jan. 30, 2008 – Added Product Code 0338

Rev. 2; April 24, 2008 – Added Product Code 0895

Rev. 3; July 11, 2008- Added Product Code 7680

Rev. 4; Sept. 12, 2008 – Section 4: updated residual solvents statement

Rev. 5; Oct. 28, 2008 – Section 1: added product codes 0312, 0344 and 0897; grade name changed from BAKER ANALYZED® Reagent to Biotech Reagent

Rev. 6; Jan. 15, 2009 – Section 4: Added Residual Metallic Catalysts statement. Section 7: Updated telephone # for Customer Service Director. Entire Document: added keywords to Solv It Center links. (KES)

Rev. 7: 3/31/09- Added product code B0337; updated letterhead; updated # for Tech. Service director

Rev. 8: 5/13/09- Added product code B0327.

Rev. 9; Jan. 6, 2010 – Entire document: Changed all references of “Solv IT Center” to “AskMBI.”; Section 7: updated TS manager info. Section 1: deleted product code B0327; this product was mistakenly added to the datasheet during a previous revision. Section 4: added GRAS statement (KES)

Rev. 10; May 23, 2011 –Entire document: new letterhead, and changed all references of “AskMBI” to “AskAvantor.” Updated website links for new website; Section 1: removed discontinued product 0337, 0344; Mallinckrodt brand name updated to Macron; added MOC codes; Section 2: added GMP statement; Section 4: expanded allergen list; Section 5: added Nutrition and Organic statement; Section 7: updated contact information; minor formatting. (PH, JLW)

Rev. 11; Nov. 9, 2012 – HDQ address change and minor formatting; Section 1: removed discontinued product code J.T.Baker 0342 and 0344; Section 4: Added add'l allergens as listed in EU Directive 2003/89/EC; updated Residual Metallic Catalysts statement; separated Kosher/Halal status and added certification statement; Section 5: added Management of Change information; Added COA Date Format statement; Section 7: removed contact list table and added CS/TS contact information. (MCH/JLW)

Rev. 12; Dec. 11, 2015 – Section 1: Removed delisted code 0388

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***This electronic document is valid without a signature.***

## ***Section 7 – Contact Information***

### Customer Service

Phone: 1-855-282-6867  
1-610-573-2600 (outside U.S.)  
Fax: 1-610-573-2650

### Technical Service

Phone: 1-855-282-6867  
1-610-573-2600 (outside U.S.)  
Fax: 1-610-573-2650