



BICAR[®] SODIUM BICARBONATE

SHELF LIFE Statement

SHELF LIFE STATEMENT BICAR[®] SODIUM BICARBONATE

STORAGE AND HANDLING

Solvay Chemicals BICAR[®] sodium bicarbonate should be stored in a dry place in its original container. The product should be stored away from strong acids, bases and other incompatible chemicals.

The product may cake or form lumps if exposed to high humidity or if compacted during storage. Finer grades of sodium bicarbonate are more prone to agglomeration and compaction, so efforts should be made to ensure that inventories are managed on a first in, first out (FIFO) basis. Under proper storage conditions, a change in flow characteristics (caking or lumpiness) will have no effect on the chemical nature of sodium bicarbonate.

STABILITY AND SHELF LIFE

Sodium bicarbonate is stable at ambient temperature and atmospheric pressure. However, the product will decompose to sodium carbonate and CO₂ when subject to elevated temperatures (above 140°F/60°C). The speed of decomposition increases with increasing temperature. As a result, product should be kept away from heat sources to prevent decomposition.

In storage trials at 77°F (25°C) and 60% relative humidity, sodium bicarbonate has shown chemical stability for a minimum of 2 years.

To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Solvay Chemicals, Inc., nor any of its affiliates, makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. Solvay Chemicals, Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.

Trademarks: Trademarks and/or other Solvay Chemicals, Inc. products referenced herein are either trademarks or registered trademarks of Solvay Chemicals, Inc. or its affiliates, unless otherwise indicated.

Before using, read the Safety Data Sheet (SDS) for the chemical.