



Progress beyond

# SODIUM CARBONATE BATCH NUMBERING AND SHELF LIFE Statement

## BATCH NUMBERING CONVENTION AND SHELF LIFE STATEMENT SODIUM CARBONATE (SODA ASH)

Solvay Chemicals identifies its Sodium Carbonate products with a batch number conforming to the following convention: ymmddxxxzz

Where:

y	=	last digit of year of current year
mm	=	numerical month
dd	=	numerical day of month
xxx	=	order of loading for date of loading
zz	=	product package identifier

Example: Batch number 70301001AR or 70301001AP (March 1, 2017)

7	=	2017 (7)
03	=	month (March)
01	=	day of month (1 <sup>st</sup> )
001	=	order of loading (001, 002, 003)
AR	=	product package identifier (AP package, AR railcar, AT truck)

### Storage and Handling

Sodium Carbonate (soda ash) should be stored in a cool, dry environment. Lumps will tend to form in the material when stored in high humidity environments. Soda ash should be stored in an area away from acids and humidity.

### STABILITY AND SHELF LIFE

The shelf life for Sodium Carbonate (Soda Ash) produced in our Green River, Wyoming facility is at least twelve (12) months when stored properly. Lab tests have shown that as long as the product is stored in a cool, dry environment, the shelf life exceeds 1 year. However, when soda ash is exposed to air, it will absorb water and carbon dioxide from the atmosphere. This may result in the soda ash becoming "lumpy" or a partial conversion to sodium bicarbonate.

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