Material Safety Data Sheet

SODIUM BICARBONATE

I.- Product Identification

Manufacturer : Industria Del Alcali, S. A. De C. V.
Address : Carretera a García Km. 9
          García, N. L.
Telephone : (81) 8863-26-00
Chemical Name : Monosodium Carbonate Acid Salt
Synonymous : Sodium Acid Carbonate, Sodium Bicarbonate
Chemical Family : Alkaline Salts
Chemical Formula : NaHCO₃

II.- Dangerous Ingredients

It does not present noxious substances.

III.- Components

Sodium Bicarbonate : 99.00 - 100.50 %
CAS Number : 144 - 55 - 8

IV.- Physical Data

Molecular Weight : 84.01
Bulk Density : 52.43 - 59.92 Lbs./Ft³.
Melting Point : It Decomposes Without fusing releasing CO₂, Na₂CO₃ and H₂O
Color : White
Appearance : Crystalline Solid

Effective : June- 2012
Replace : January - 2010

Carretera a García Km. 9.0 García, N. L. México 66000 (81) 8863-2670 Fax (81) 8863-2698
SODIUM BICARBONATE

V.- Fire And Explosion Information

Sodium Bicarbonate is a non flammable chemical product. It is not susceptible to produce flames or explosions.

VI.- Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>In normal conditions the product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incompatibility</td>
<td>Avoid contact with acids, it reacts releasing CO\text{2} gas.</td>
</tr>
</tbody>
</table>

VII.- Cautions

<table>
<thead>
<tr>
<th>In case of contact with the eyes</th>
<th>Wash immediately with running water, for at least fifteen minutes. Call a doctor or take patient to the nearest medical facility.</th>
</tr>
</thead>
<tbody>
<tr>
<td>In case of contact with the skin</td>
<td>Wash with water until it is clean.</td>
</tr>
<tr>
<td>Clothes</td>
<td>Wash before using again.</td>
</tr>
</tbody>
</table>

VIII.- Personal Safety Equipment

During the handling and use of Sodium Bicarbonate it is convenient to protect:

a).- The respiratory system, by using a breathing mask with dust filter.

b).- The eyes, using safety glasses or goggles.

c).- The skin, using gloves, apron and shoes made of synthetic material (which does not permit alkaline solutions to filter through equipment).

d).- The scalp, using hair nets or turbans.

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IX.- Spill And Wastes

If Sodium Bicarbonate is spilled, it should be picked up with a shovel, filling a receptacle properly labeled and closed for later disposal.

Sodium Bicarbonate waste should be handled according to the actual State and/or Federal regulation.

X- Additional Precautions

Avoid exposure it high temperatures. See Section IV.
Store product in a dry place, avoiding humidity.

Generally Sodium Bicarbonate is recognized as a safe material for humans and animals.