



## **Product Specification**

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| BARIUM PERCHLORATE (ANHYDROUS) AR   |                                  |                                |
|---|----------------------------------|--------------------------------|
| PRODUCT CODE  | 461965                           |                                |
| SYNONYMS  | -                                |                                |
| C.I. NO.  |                                  | O.                             |
| CASR NO.  | 13465-95-7                       | 0=Č O*                         |
| ATOMIC OR MOLECULAR FORMULA   | BaCl <sub>2</sub> O <sub>8</sub> | O=CI-O"<br>O Ba <sup>2</sup> O |
|   | 336.23                           | -0-C=0                         |
| ATOMIC OR MOLECULAR WEIGHT  | 550.25                           | 0                              |
| PROPERTIES  | LIMIT                            | -                              |
| PARAMETER   |                                  |                                |
| Description   | White to off-white powder.       |                                |
| Solubility  | Soluble in water.                |                                |
| Minimum assay   | 98.0%                            |                                |
| pH value (10% soln. in water)   | About 5.6                        |                                |
| MAXIMUM LIMIT OF IMPURITIES   |                                  |                                |
| Water   | 4.0%                             |                                |
| Heavy metals (as Pb)  | 0.0005%                          |                                |
| Substances insoluble in methanol  | 0.1%                             |                                |
| Substance insoluble in water  | 0.1%<br>0.0005%                  |                                |
| lron (Fe)<br>Chloride(Cl)   | 0.01%                            |                                |
| Calcium (Ca)  | 0.05%                            |                                |
| Substances not precipitated by dil. $H_2SO_4$ (as   | 0.2%                             |                                |
| Sulphate)   | 0.270                            |                                |
| Note(s):1] Assay (if applicable) method me  | ntioned.                         |                                |
| DANGER  |                                  | IMDG Code : 6.1(5.1)/II        |
| Hazard statements :May cause respiratory irritation. May intensify fire; oxidizer. Harmful ifswallowed. Causes skinUN No. : 1447irritation. Causes serious eye irritation. May cause allergic orasthmatic symptoms or breathing difficulties ifIATA : 6.1(5.1)inhaled. May cause allergic skin reaction.Precautionary statementsPrevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Incase of inadequateIATA : 6.1(5.1)ventilation wear respiratory protection. Avoid breathingdust/fume/gas/mist/vapours/spray. Take any precautionIATA : 6.1(5.1)to avoid mixing with combustible orincompatible materials. Keep away from heat. Do not eat, drink or smoke when<br>using thisproduct. Contaminated clothing should not be allowed out of the workplace.Response: Wear eye/face protection. If skin irritation occurs, seek medical<br>advice/ attention. If eyeirritation persists, get medical advice/attention. IF INHALED: If<br>breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:<br>Rinsecautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Wash/<br>Decontaminate removed clothing before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Gently<br>wash with plenty of soap and water.Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities |                                  |                                |
| Hazard Pictogram(s) :<br>GHS03 GHS07  |                                  |                                |

Replace Date 03-Dec.-2018