



Disposing of AMSORB® PLUS Carbon Dioxide Absorbent

AMSORB® PLUS should be discarded when clinical signs of inspired carbon dioxide via capnography indicate a rise in inspired carbon dioxide (FiCO_2) beyond the level deemed appropriate by the physician. Normally, this is 0.5 to 1.0% FiCO_2 . (or circa 5 to 10mmHg). It is quite normal and considered clinically safe to allow small levels of rebreathing such as 0.1-1% volume (1-10mmHg) as long as attention is paid to capnometry and that this level of rebreathing is for short periods of time, normally at the end of the absorbents useful life.

It is safe to dispose of **AMSORB® PLUS** at any stage during its life.

The method of disposal should be as per the hospital's waste management protocol for **non-contaminated clinical waste**. The material is safe to handle during its disposal. Unlike soda limes, **AMSORB® PLUS** does not contain strong alkali chemicals and therefore the material is non-hazardous making it suitable for landfill, as it will break down into harmless organic compounds. It should be noted that traces of volatile anaesthetic agent may be present within the granules and, therefore, the material should not be incinerated, as combustion is possible. If **AMSORB® PLUS** is suspected of being exposed to respiratory borne contagia during use, then disposal should be as per the hospital's management protocol for infectious waste.

AMSORB® PLUS has a starting pH of 11-14 reducing to approximately 10 on exhaustion or appearance of the colour. Maximum pH of used material is reported as 12ⁱ

The above advice should be read in conjunction with the Instructions For Use, which can be found in each product pack. For **AMSORB® PLUS** that is unused and within its original packaging, this material can be disposed as **non-contaminated industrial or domestic waste** for landfill.

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For and on behalf of Armstrong Medical Limited

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ⁱ Yara Laboratories Analysis report 2012