

Product Insert

ANASCRUB ODOR CONTROL PELLETS

Product

B900310 Anascrub Odor Control Pellets 1.8 kg pail

Intended Use

Anascrub is intended for use inside of an anaerobic chamber to absorb and minimize odors produced by the growth of anaerobic bacteria, and to extend the life and activity of the oxygen removal catalyst.

Summary

Anascrub is a blend of 50% activated carbon charcoal pellets and 50% ceramic pellets impregnated with potassium permanganate throughout. Anascrub filter material will adsorb a variety of volatile odorous gases, including hydrogen sulfide, when present in the anaerobic chamber. These volatile odorous compounds are produced by anaerobic bacteria, which can lead to corrosion of metals inside the chamber, and deactivation of the palladium or platinum oxygen removal catalyst. The purple potassium permanganate pellets in the blend will change color as they remove and adsorb volatile odor causing compounds to help provide an indication of remaining useful life.

Formulation*

Activated carbon charcoal pellets	900	g
Alumina pellets (impregnated with 4% potassium permanganate)	900	g

*Approximate formula.

Precautions

Only use for intended purposes. Dust created from product may cause respiratory irritation during dispensing. Avoid extended inhalation of dust given off during dispensing. Wear suitable protective clothing including gloves and eye/face protection during handling, if direct exposure is expected. This product is for use only by properly trained and qualified personnel. Refer to the corresponding safety data sheet.

Storage and Shelf Life

Storage: Upon receipt, store at room temperature. Leaving Anascrub pellets open to the room air may shorten the life. After removing a portion of Anascrub, reseal the bag and container for storage.

Shelf Life: Product does not have an expiration when properly stored in a sealed container. Expected useful life inside the anaerobic chamber is 1 – 3 months, depending on the model or type of anaerobic chamber. Refer to Methods for Use.

Procedure

Methods for use:

For AS-150, AS-580, or other type of anaerobic chambers:

1. Place approximately $\frac{3}{4}$ cup (175ml) of Anascrub in a bowl or other container. The container should be wide enough such that the material is not more than 1 inch deep.
2. Place the container of Anascrub inside of the anaerobic chamber. Place the container inside of the incubator if space permits, or on the floor of the chamber if the incubator is too full.
3. Leave the Anascrub inside of the chamber for 1 month, and then discard as biohazardous waste.
4. Replace with fresh Anascrub pellets.

For AS-500 anaerobic chamber:

1. Open the access cover on top of the chamber.
2. Remove the filter hatch and pull out the metal screen tray of Anascrub. Dispose of as biohazardous waste.
3. Add approximately 2.5 cups of Anascrub to the metal tray and spread evenly. Some dust will settle out, so this should be done over a trash can or sink.
4. Install the filter tray back in to the chamber.
5. Replace Anascrub every 3 months.

Materials Required, But Not Provided

You may need a small bowl or container to pour the Anascrub in to.

Interpretation of Results

Bright magenta colored potassium permanganate pellets will change color from bright pink to a dull yellow/brown, to dark gray as they are used. Pellets can be crushed open to determine if there is any color left inside. When there is no yellow/brown color left in the center, they are no longer actively scrubbing the environment. Any color that is not dark gray all the way through indicate there is still some useful life in the pellets.

Limitations

Anascrub is not intended to remove dangerous particulates or biological agents.