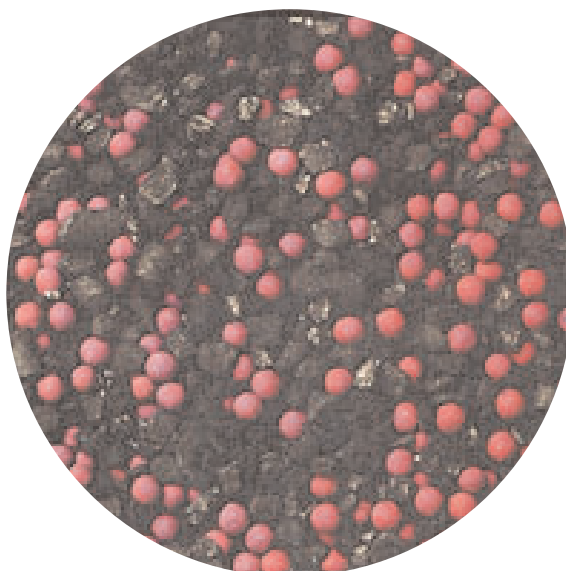


# SAAF™ Custom Blends

## Engineered Gas Removal Chemical Media

- **Non-flammable**
- **Non-toxic and non-hazardous**
- **Accurate service life testing**
- **Inhibits bacterial and fungal growth**
- **Does not support desorption**
- **Easy disposal**



### Engineered Media

Each SAAF™ Custom Blend is a proprietary blend designed for air quality treatment within specific applications. SAAF™ Custom Blends contain different compositions of SAAF media which when utilized in the intended application, provide a comprehensive environmental air quality solution. SAAF Custom Blends may be employed for use in treatment of Outside Air, Recirculation Air or use in specific Micro-Climate environments.

SAAF Custom Blends are not targeted on specific gases, but are rather on a broader spectrum, typical for the given application. SAAF Blends are manufactured from a mix of SAAFOxidant, SAAFCarb and impregnated carbon like SAAFCarb MA, SAAFCarb MB etc.

### Adsorptive Process

The unimpregnated SAAFCarb™ media removes toxic and impure gases by physical

adsorption. In this process, the gases remain on the surface of the pellet. The process is reversible

### Chemisorptive Process

SAAFCarb™ impregnated media removes contaminants in the irreversible chemisorptive process by chemical and/or catalytical reaction. In this process the gas is trapped within the pellet where chemical and / or catalytical reaction changes the gases into harmless solids, thereby eliminating the possibility of desorption. SAAFCarb™ media allows this to be instantaneous, irreversible, and as a safe chemical reaction.

The SAAFOxidant™ chemisorptive process removes the contaminant gases by adsorption, and chemical reaction. In this process the gas is trapped within the pellet where oxidation changes the gases into harmless solids, thereby eliminating the possibility of desorption. SAAFOxidant's engineering allows this to be

instantaneous, irreversible, and safe chemical reaction.

### Quality Control

SAAF™ Custom Blend media undergoes the following quality control tests before being shipped:

- **Moisture content**
- **Hardness**
- **Bulk density**
- **Ash content**
- **Carbon tetrachloride adsorption**

### Service

AAF International will be pleased to offer you a maintenance contract for your chemical filter system. This includes sampling, removal of the used elements, cleaning of the installation and installation of new elements. Disposal in accordance with regulations and/or refilling is part of our scope.

*Better Air is Our Business®*





## **SAAF™ Custom Blends**

### **Engineered Gas Removal Chemical Media**

Product Name	Effective in air Quality Control for:
SAAF: Blend	General Purpose Blend
SAAF: WS	General Purpose Wide Spectrum Blend
SAAF: Odor	Refuse Odor Removal Blend
SAAF: Corrosion	Corrosive Gas Removal in Industrial and Cleanroom Applications
SAAF: Pro-tect	Blend to Protect Heritage in Museums, Archives and Historical storage
SAAF: City	General Purpose Blend for urban IAQ applications

*Other custom blends available*

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#### **AAF Agents:**

Johannesburg (RSA)



AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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