

# B80 Natural



## Pure-Flo® B80 Natural bleaching adsorbent

Cost effective bleaching adsorbent to be used for the pretreatment and bleaching adsorption of edible oils and fats.

### TYPICAL PROPERTIES

|  |  |
|--|--|
| Free Moisture, wt.% @ 105°C            | 15.5%                                  |
| pH (5% solids in D.I.H <sub>2</sub> O) | 7.2                                    |
| Tamped Density                         | 43.0 lbs./ft <sup>3</sup><br>688.0 g/l |

### PARTICLE SIZE

|   |       |
|---|-------|
| U.S. Standard Sieve:                          |       |
| Through 325 Mesh (Less than 45 Microns) wt. % | 83.0% |

### REGULATORY APPROVALS

All Pure-Flo products are classified as processing aids and have Generally Recognized As Safe (GRAS) status from the Food and Drug Administration (FDA).

### PACKAGING AND TRANSPORTATION

Pure-Flo B80 Natural adsorbent is available in bulk or a variety of bag sizes. Shipments are made by truck, rail or shipping container. Packaged product is palletized and unitized. Oil-Dri can arrange for transportation or customer pickup. Point of origin is Ochlocknee, Georgia, U.S.A.

Note: The properties outlined above represent typical values for this product. They are not designed to convey absolute product specifications.

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. Oil-Dri makes no warranty, express or implied, with respect to the product and assumes no responsibility for any risk or liability arising from the use of this product information.

#### Pure-Flo B80 Natural

Naturally Active Adsorbent

Excellent Value

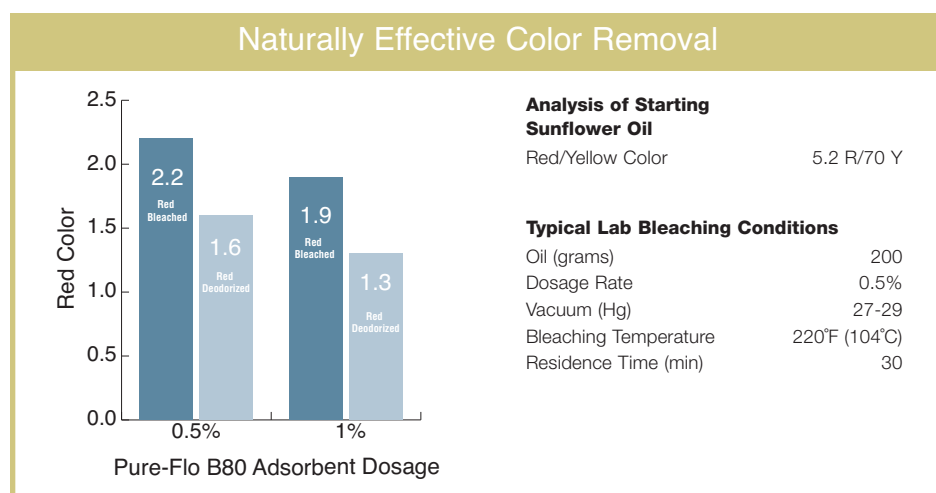
Good Color Removal

No Mineral Acid Carryover

## Pure-Flo® B80 Natural bleaching adsorbent

Pure-Flo B80 Natural is a naturally active bleaching and clarifying adsorbent. Our raw material is an intergrowth of hormite and smectite minerals which have unique adsorption and filtration characteristics. Our proprietary processing methods further enhance these qualities. This naturally active product does not contain mineral acids or other chemical compounds.

**Providing Quality  
 Sorbent Products  
 and Services to  
 Our Purification  
 Partners Worldwide**



### PERFORMANCE FEATURES AND BENEFITS

- Excellent metals adsorption (P, Ca, Fe, Mg, Ni, etc.)
- Removes moderate levels of chlorophyll and color bodies from vegetable oils
- Removes soaps and phospholipids
- Favorable filtration characteristics, including long filtration cycles and less pressure build up at cycle end
- Minimizes free fatty acid rise during bleaching
- Does not contain mineral acid, which can damage oil

### SUGGESTED PROCESSING APPLICATIONS

- Physical refining of palm oil
- Color removal from cottonseed, tallow, coconut, palm and other oils
- Chlorophyll removal from oils with moderate chlorophyll levels
- Compatible with food grade acids for enhanced chlorophyll removal

### TECHNICAL SERVICE AND SUPPORT

The Fluids Purification Group surrounds its customers with the best products and services. Technical support includes accessibility to Oil-Dri's research and development group and our state-of-the-art testing facilities, in-plant trials and a wealth of industry expertise. Oil-Dri recognizes that equipment, procedures and conditions interact with crude oil type and quality to make every process unique, and we'll help you optimize your processes and products.

Oil-Dri works with local agents in over 50 countries around the world to deliver the quality service you expect.

Contact us today to see how we can improve your bleaching process.

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