



## Product Data Sheet

REPCO® Code 20172

Doc. Date 7.20.2018

# Oxylite® CS

Whey and Cheese Bleaching Agent

### COMPOSITION:

**Oxylite® CS** is prepared from Calcium Sulfate, Dibenzoyl Peroxide, and Tricalcium Phosphate

**Contains: NO ALLERGENS**

### PHYSICAL CHARACTERISTICS:

Color: White to beige

Particle Size: 95% through 100 mesh Bulk Density: ~26.2-28.7 lb. / ft.<sup>3</sup>

Form: Fine powder, free flowing and insoluble in water

Kosher Status: OU-Pareve

Halal Status: IFANCA

### FDA REGULATIONS:

Benzoyl Peroxide is a substance affirmed by FDA for direct addition to milk intended for the manufacture of cheese and directly in whey as GRAS. Reference 21 CFR 184.1157 for the GRAS status of benzoyl peroxide including a summary of the requirements of its use. This substance must be used in accordance with FDA's definition of "good manufacturing practices" which is found in 21 CFR 184.1(b). Detailed regulations for the various cheeses reference, 21 CFR 133.

### GENERAL RECOMMENDATIONS:

FDA has placed the responsibility of determining dosage on the cheese manufacturer, in accordance with the above regulations and the manufacturing conditions. The following should be considered. It may be convenient to add **Oxylite® CS** as 10% water slurry in milk or whey. Vigorously agitate the milk or whey during the bleaching period. Select the temperature and bleaching time, which attains the desired bleaching effect with least amount of bleach. Do not exceed 140°F (60°C).

### DOSAGE FOR BLEACHING MILK TO PRODUCE WHITE CHEESE:

The addition of 1 oz. of **Oxylite® CS** per 1000 lbs. of product (equivalent to 20 ppm of benzoyl peroxide) will normally deliver the desired effect. Adequate bleaching should occur if held at a temperature between 38 - 40°F for 8 - 10 hours with constant agitation.

### DOSAGE FOR BLEACHING WHEY:

Read and follow the FDA and general recommendations above.

Dosage of bleach in whey will vary depending on the presence or amount of annatto coloring added. The appropriate bleach dosage must be determined by the whey processor, which depends on their specific conditions. The quantity of bleach added must not exceed the amount reasonably required to accomplish the intended bleaching effect. A recommended starting point for this determination is to employ 120°F, 15 - 30 minutes vigorous agitation. When possible, the temperature should be decreased but not at the cost of increasing bleach dosage.

### PACKAGING:

Available in 50 lb. boxes.

### STORAGE:

Product from unopened containers, that have been stored at or below recommended conditions (85°F/29°C), may be used for up to 24 months from the date of manufacture. Manufacturer's warranty is limited to replacing defective material.

### WARNING:

The quantity of bleach must not exceed the amount reasonably required to accomplish the intended bleaching effect. Combustible dust. Avoid generation of dust from product to reduce fire and dust explosion hazards. Exposure to heat or flame liberates ignitable vapors. Keep away from heat, sparks and open flame. Keep container closed. See SDS for special handling.

The foregoing express guarantees constitute Seller's sole warranties with respect to such articles. SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATEVER, EXPRESS OR IMPLIED: AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE AFORESAID OBLIGATION ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED FROM ALL TRANSACTIONS BY AND BETWEEN SELLER AND BUYER.

1835 E. North Street | Salina, KS 67401 | Phone: 785-825-2181 | Fax: 785-825-8908

[www.repcoworld.com](http://www.repcoworld.com)

REPCO® Internal Use Only. 10/01/2014