

A-A-1911  
May 17, 1984

COMMERCIAL ITEM DESCRIPTION

CLEANING COMPOUND, ALKALI, PIPELINE

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification P-C-433.

Salient Characteristics. The product shall be a uniform, free-flowing, granular mixture conforming to the following requirements:

Composition

<u>Ingredient</u>	<u>Percent</u>
Flake Sodium Hydroxide	49-59
Sodium Nitrate	27-33
Sodium Chloride	10-12
Aluminum Cuttings	3.8-4.6

Sieve size. The finished product shall pass completely through a No. 3-1/2 US Standard Sieve (5.6 mm mesh).

Performance. Place 100 ml of distilled water at 15-20 degrees C in a tall form beaker of sufficient height to contain the splashing of the reacting mixture when the product is added to the water. Suspend a thermometer in the beaker so that it does not touch the sides or bottom of the beaker. When 30 g of the product is added to the test tube:

- a. there shall be active churning of the aluminum particles;
- b. the final temperature of the water shall be not less than 78 degrees C; and
- c. after 10 minutes, no insoluble alkali cake or aluminum cuttings shall remain in the tube. (A black flocculent precipitate due to impurities in the aluminum is permitted).

Labeling. The containers of the product shall be labeled with directions for use, and with hazard precautions in conformance with the Federal Hazardous Substances Act Regulations (Code of Federal Regulations, Title 16, Part 1500).

Preservation, Packaging, Packing, Labeling and Marking. The preservation, packaging, packing, labeling and marking shall be as specified in the contract or order.

Notes:

Users of this commercial item description shall state in the contract the size containers of the product required.

PREPARING ACTIVITY: GSA-PSS

FSC 6850