

**BOROUGH OF SOMERSET
SPECIFICATIONS
POTASSIUM PERMANGANATE**

(CAS Registry No. 7722-64-7)

The purpose of these specifications is to obtain Potassium Permanganate for the Borough of Somerset to be used at the Water/Wastewater Treatment Plants and Pump Stations. Bids will be for the calendar year 2016.

Potassium Permanganate supplied will be free-flowing grade in full accordance with American Water Works Association Standard B603-83. It shall be packaged in 25 kg (55lb.) containers. Delivery drums shall have a re-sealable lid. Current estimated usage is 11,000 pounds annually.

ASSAY

Guaranteed 97% KMnO_4 , Typical 98%.

PARTICAL SIZE

20% Maximum Retained on #425 U.S. Standard Sieve

15% Maximum through #75 U.S. Standard Sieve

The Potassium Permanganate shall be delivered to the Borough's Wastewater Treatment Plant, 1043 S. Center Avenue, Somerset and the Coxes Creek Water Treatment Plant, 3518 Coxes Creek Road, Somerset, PA 15501. Supplier shall call the office of the Borough Manager (814) 445-9742 or 443-2661 at least twenty-four (24) hours prior to delivery.

TRAINING REQUIREMENTS FOR THIS PRODUCT

The successful bidder for this product shall provide training materials for the use of this product. The training materials shall be in one or more of the following formats: written, video slide, VHS, DVD, or the bidder may elect to put on a seminar-type program. In any event, the materials presented shall be in English and shall be at a high school reading level. At a minimum the bidder must cover the following subjects in the training materials provided:

1. The properties of the product;
2. The chemical and common names;
3. The acute and chronic effects of exposure to the product;
4. The symptoms arising from exposure;
5. The potential for flammability, explosiveness and reactivity;
6. Appropriate emergency treatment for exposure to the product;
7. Appropriate personal protective equipment and proper conditions for the safe use of this product;
8. Emergency procedures for fires, leaks, spills or other accidents that may occur using this product;
9. Define the different levels of protection needed for handling the product under normal conditions and emergency conditions;
10. Proper storage conditions for this product;
11. Ways the product may be used to enhance water/wastewater treatment;

12. Proper decontamination procedures to remove product from protective clothing or encapsulating suits;
13. Evacuation distances and resources that may be contacted in the event of an emergency
14. The different types and sizes of containers that the product may be shipped in as well as the different forms the product may be available in, such as liquid, powder, etc.;
15. Any other information that may be helpful in the safe and efficient use of this product.

The Borough of Somerset reserves the right to reproduce any of the training materials provided. Said materials shall be provided before the first product shipment.

LABELING REQUIREMENTS

The successful bidder shall label all containers or bags of the product. The labels shall include the following information at a minimum:

1. the chemical or common name;
2. the name, address and emergency number of the manufacturer;
3. hazard warnings.

The successful bidder shall provide a minimum of 10 additional stick-on labels measuring a minimum of 6 inches square and shall contain the same information as on the shipping container. Said labels shall be durable and suitable for mounting on secondary containers, chemical feeders, or pipelines.

MATERIAL SAFETY DATA SHEETS

The successful bidder shall provide 6 copies of a Material Safety Data Sheet for this product. At a minimum, the data sheets shall contain the following information:

1. Who makes the product, their address, emergency phone number and the date the data sheet was prepared;
2. Hazardous ingredients and their TLV's;
3. Physical and chemical characteristics;
4. Physical hazards;
5. Reactivity;
6. Health hazards;
7. Precautions for safe handling and use;
8. Chemical and common name;
9. C.A.S. registry number
10. UN or NA number;
11. Any other information that may be required to comply with the Pennsylvania Worker and Community Right-to-Know law.

Material Safety Data Sheets must be received by Somerset Borough prior to, or with the first product shipment.

CONTAINERS

Products shall be shipped in appropriate containers. These containers shall not rupture or break under normal handling. Leaking, broken or torn containers shall not be accepted. Duct or masking tape shall not be appropriate to repair bags or containers and the shipper shall be responsible for any spillage or leakage due to inadequate packaging of the product. All containers and bags will be properly sealed and identified.

GENERAL PROVISIONS

1. This product must be manufactured in the United States.
2. Delivery vehicles shall be appropriate for the product being hauled and shall carry the proper placard as well as proper equipment for loading the product.
3. The drivers shall be trained in chemical safety and in proper loading and unloading procedures for the product.
4. The shipper shall have adequate insurance as required by the Federal Motor Carrier Act.
5. Driver of the delivery vehicle shall have in his possession a Material Safety Data Sheet for all the products that are on the delivery vehicle when in Somerset Borough or enroute to a Borough facility. Said sheets shall be turned over to police, fire or EMS personnel upon request in the event of an accident or routine traffic stop.

All bids shall be submitted on forms furnished by the Borough and none other will be accepted. Bids shall be in a sealed envelope. On the face of the envelope, upper left corner, print your name and address. In the center print or type:

**POTASSIUM PERMANGANATE BID
COUNCIL, BOROUGH OF SOMERSET
PO BOX 71
SOMERSET, PA 15501-0071**

Bids must be received by 10:00 a.m. Monday, March 21, 2016 at which time the bids will be publicly opened and read aloud.

Council reserves the right to reject any and/or all bids and to award the purchase so that the best interests of the Borough are served.

BIDS CLOSE 10:00 A.M. MONDAY, MARCH 21, 2016

**BOROUGH OF SOMERSET
BID FORM
POTASSIUM PERMANGANATE**

(CAS REGISTRY NO. 7722-64-7)

The undersigned states that he has carefully read the attached specifications and is aware of all contents. He certifies that the material delivered will be in full conformance with the specifications and the purpose for which the product is intended, for the year 2016.

Potassium Permanganate, price per pound: \$_____

[Borough's estimated usage for year 2016 is 11,000 pounds - 25 kg (55lb.) containers]

Brand Name: _____

Delivery will be made within _____ days of order.

Firm: _____

By: _____
(Authorized representative)

Address: _____

Phone: _____

Date: _____

BIDS CLOSE 10:00 A.M. MONDAY, MARCH 21, 2016