

COUNTY OF ROCKLAND
Department of General Services
Purchasing Division

Contract Award Notification

Title: **Potassium Permanganate (Marubeni)**

Contract Period: **December 1, 2024, thru May 31, 2025, w/ (4) six-month options**

Original Date of Issue: 12/30/24

Date of Revision:

BID No: **5949-BPS WC (RFB-WC-24344)**

Catalog: **Wastewater**

Authorized Users: County Agencies

Address Inquiries To:

Name: Michele Phillips
Title: Purchaser I
Phone: 845-364-2984
Fax: 845-364-3809
E-mail: phillipm@co.rockland.ny.us

Description

This contract is to provide potassium permanganate

Contract #	Vendor Number	Contractor & Address	Telephone No.
5949-BPS WC	0000029194	Marubeni America Corporation 500 Mamaroneck Ave. Harrison, NY 10528 Contact: Archila Leonidas archila@marubeni.com	914-220-6588

County of Rockland CONTRACT

Dept. of General Services

Purchasing Division
50 Sanatorium Rd
Bldg A, 6th Fl, Room 609
POMONA NY 10970
www.rcpurchasing.com

Supplier 0000029194
Marubeni America Corporation
Yuko Muldoon
500 Mamaroneck Ave.
Harrison NY 10528

Phone 914/220-6588

muldoon-y@marubeni.com

Tax Exempt? Tax Exempt ID:

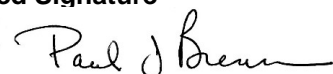
Line #	Supplier Item	Item Desc	Item ID	Price	UOM
1		Potassium Permanganate K-Ox, Oxidant, 330 lb Steel drum, (\$1.783 per lb), FOB destination, Pricing as per Westchester contract 5949-BPS, 4 Drums Per skid, must order by skid qty	88540540003	558.39000	Drum

TERMS AND CONDITIONS OF 5949-BPS WC INCORPORATED HEREIN BY REFERENCE.

Dispatch via Print

Contract ID 5949-BPS WC	Page 1 of 1	
Contract Dates 12/01/2024 to 05/31/2025	Currency USD	
Potassium Permanganate (Marube	Contract Maximum 70,000.00	
Freight Terms	Buyer Email phillipm@co.rockland.ny.us	
Buyer PHILLIPS, MICHELE	Phone 845/364-2984	Fax 845/364-3809

Authorized Signature



**Department of Finance**

Bureau of Purchase & Supplies
148 Martine Avenue, Room 713
White Plains, NY 10601
(914) 231-1872
www.westchestergov.com

CONTRACT AWARD NOTIFICATION

TITLE:	Potassium Permanganate
CONTRACT NUMBER:	5949-BPS (Replaces #5918bps)
CONTRACT PERIOD:	December 01, 2024 through May 31, 2025
DATE OF ISSUE:	November 27, 2024
NEW EXTENDED CONTRACT PERIOD:	
COUNTY DEPARTMENTS:	DEF, Participating Municipalities
SPECIFICATION REFERENCE:	As Incorporated In The Invitation for Bids
CONTRACTOR INFORMATION:	Appears on the attached pages of this Award

Address Inquiries To:

County Departments & Vendors	Political Subdivisions
Name : Valsala Panicker Title : Buyer Phone : 914-231-1329 Fax : 914-231-1546 E-mail: mmcf@Westchestergov.com	Customer Service SAME

Description

A Contract has been established for Potassium Permanganate, effective December 01, 2024 through May 31, 2025, for use by the Westchester County Department of Environmental Facilities and all Political Subdivisions of Westchester County.

A Contract has been established for Potassium Permanganate, effective **December 01, 2024** through **May 31, 2025**, for use by the Westchester County Department of Environmental Facilities and all Political Subdivisions of Westchester County. Prices are shown below.

Vendor: 740725
Marubeni America Corporation
500 Mamaroneck Avenue
Harrison, NY 10528
Attn: Archila Leonidas
Telephone Number: 914-220-6588
E-mail: Archila-L@marubeni.com

Terms: 2% 10, Net 30

FOB: Destination

Delivery: 2 days ARO

Potassium Permanganate delivered pricing:


55 lb. (approx.) drums	\$98.065 (for 55lb. per drum/pail)	(Primary Supplier)
Price per lb. for 55 lb. drum	\$1.783 per lb.	
330 lb. (approx.) drums	\$558.39 (for 330lb. drum)	(Primary Supplier)
Price per lb. for 330 lb. drum	\$1.783 per lb.	

Ordering department must check invoice prices and quantities delivered against each invoice.

Westchester County Departments make Payments by entering GAX document referencing Contract number 5949BPS and sending the signed GAX with the invoice to Finance – Accounts Payable, Room 728, 148 Martine Avenue, White Plains, NY 10601.

SAFETY DATA SHEET (According to GHS rev. 4) Potassium Permanganate

1. IDENTIFICATION	
Company: Marubeni America Corporation Address: 500 Mamaroneck Ave, Harrison, NY 10528 Tel# 914-428-8900	Commercial name: Potassium Permanganate REACH Registration Number: 01-2119480139-34-0002 CAS-No: 7722-64-7 EC No: 231-760-3 Uses of the substance: Water Treatment, Industrial Use, Intermediates and as an oxidant for various other applications.
	Emergency Telephone: CHEMTREC: (800) 424-9300

2. HAZARD IDENTIFICATION	
Signal word	Danger
Hazard pictograms 	
Classification according to Regulation (EC) No. 1272/2008 (CLP): Oxidizing Solids (Category 2), Acute Toxicity, Oral (Category 4), Acute Aquatic Toxicity (Category 1) Chronic Aquatic Toxicity (Category 1), Very toxic to aquatic life. May cause long term adverse effects in aquatic environment.	
Hazard Statements: P272 – May intensify fire; oxidizer P302 – Harmful if swallowed P314 – Causes severe skin burns and eye damage H410 – Very toxic to aquatic life with long lasting effects	Precautionary Statements: P102– Keep out of reach of children P220 – Keep/store away from clothing/combustible materials P264 – Wash hands and face thoroughly after handling P270 – Do not eat, drink or smoke when using this product P273 – Avoid release to the environment P303+P361+P353 – If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance related information:

Chemical name	Potassium Permanganate
Trade name	Potassium Permanganate
Synonyms	Permanganate of Potash, Condy's Crystals, Potassium Permanganate
Molecular formula	KMnO ₄
Molecular weight	158.0339
CAS No.	7722-64-7
EC No (EINECS/ELINCS)	231-760-3
EU INDEX No.	025-002-00-9
International Chemical Safety Cards (ICSC)	0672
ZVG-No.	4070
RTECS-No.	SD6475000

4. FIRST-AID MEASURES

Measures:

In case of eye contact – Rinse immediately with plenty of water for at least 20 minutes and seek medical attention.

Note to physician: Soluble content of decomposed product is alkaline in nature. Insoluble brown-color stain is Manganese Dioxide.

In case of skin contact- Flush with large amounts of water before removing contaminated clothing. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

In case of inhalation – If symptoms are experienced, remove source of contamination or move victim to fresh air. If breathing has stopped, resuscitate and administer oxygen if readily available. Seek medical attention immediately.

In case of ingestion - Get medical attention or advice. Give several glasses of water or milk. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Potential health effects & symptoms:

Eyes – May cause severe eye injury. Contact can produce hardened, ulcer-like injury on eye. Conjunctivitis and bleeding may occur. In extreme cases, cloudiness or discoloration of the cornea may occur.

Skin – Product acts as a highly corrosive agent to the skin. Contact may produce burns and/or tissue necrosis.

Inhalation – May irritate nose, throat and respiratory tract. In severe cases, pulmonary edema may occur that could potentially lead to death. Other symptoms could include sore throat, coughing, shortness of breath and difficult breathing.

Ingestion – May irritate mouth and throat. Fatal oral dose is estimated at 10 grams. Death may occur up to one month from the time of poisoning. Symptoms may include nausea, vomiting, stridor, slow pulse and decreased blood pressure.

Treatment: Get medical attention promptly.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Use large quantities of water.

Special hazards arising from the substance or mixture:

Potassium Oxides, Manganese/Manganese Oxides

Fire-fighting equipment/instructions:

Wear full protective clothing and self-contained breathing apparatus.

Unusual fire and explosion hazards:

Powerful oxidizing product. May explode when heated or when exposed to flames or sparks. Increases burning rate of combustible substances.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear personal protection equipment. Contain the discharged material avoiding generation and spreading of dust. Ensure adequate ventilation. Do Not smoke. Do Not open fire or other sources of ignition.

Environmental Precautions:

In case of accidental release into the environment, keep the product away from drains, sewers, ground water and soil.

Cleanup Procedures:

Sweep or shovel the spilled material into covered containers. Do Not absorb in saw dust or other combustible absorbents.

Additional Information:

Refer to Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wear personal protective equipment. Avoid spilling, skin & eye contact. Wash thoroughly with water after handling. Remove clothing if it becomes contaminated. Provide adequate ventilation to maintain exposure below TLV/TWA limits.

Recommended storage methods:

Keep the material in a cool and dry place, tightly closed, away from food, drink and animal feed. Do not store this material in open or unlabeled containers. Keep apart from acids, formaldehydes, peroxides and all combustible organic or easily oxidizable products including antifreeze and hydraulic fluid.

Specific end uses:

Water Treatment, Industrial Use, Intermediates and as an Oxidant for various other applications.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Product Name	STD	TWA – 8 hrs	STEL – 15 min	Remarks
Potassium Permanganate	WEL	0.5 mg/m ³		

WEL: Workplace Exposure Limit

Engineering control:

Use mechanical ventilation such as dilution and local exhaust. Use a corrosion-resistant ventilation system and exhaust directly to the outside. Supply ample air replacement. Provide dust collectors with explosion vents

Personal protective equipment:

Eye/Face: Wear chemical safety goggles and face shield

Skin: Wear impervious gloves, boots and coveralls to avoid skin contact.

Respiratory: For dust use approved dust mask. For higher exposures, use air respirator with a full face piece operative in the positive pressure mode.

General: Have an eyewash fountain and safety shower available in the work area.

Environmental exposure controls:

In case of handling bulk material, take adequate precautions to avoid accidental release to water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties:

Appearance	: Dark Purple Crystals
Physical State	: Solid
Odor	: Odorless
Odor Threshold	: Not applicable
pH of the Substance	: Not applicable
Flash Point	: Not flammable
Flammable Limits	: Not flammable
Vapor Pressure	: Not applicable
Vapor Density	: Not applicable
Evaporation Rate	: Not applicable
Auto-ignition Temperature	: Not flammable
Boiling Point	: Not applicable
Melting Point	: A round 240° C decomposes without melting
Decomposition Temperature	: Decomposes at 240°C
Solubility (in water)	: 6.4 g/100 ml at 20 °C
Viscosity	: Not applicable
Partition Coefficient	: Not applicable
Specific Gravity	: 2.7 g/cm ³ at 20 °C
Molecular Weight	: 158.04
Auto flammability	: Not pyrophoric
Oxidizing Properties	: Oxidizing solid. The substance itself does not burn, but in contact with combustible substances, it increases the risk of fire and can fuel any existing fire substantially.

Other information:

The data provided in this section is to be used for product safety and handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

10. STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical stability:

Material is stable in air and light under normal conditions.

Conditions to avoid:

Avoid heat, flames and other source of ignition as this could result in violent exothermic chemical reaction.

Incompatible materials:

Organic materials, reducing materials, strong acids, alkali metals, peroxides, and all combustible organic and readily oxidizable inorganic materials.

Hazardous Decomposition products:

Upon heating, oxygen is released which increases potential of fire. Thermal decomposition products include potassium oxides and oxides of manganese.

Additional information:

Material is not known to polymerize.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution:

No information available

Acute toxicity:*Ingestion:*

LD50 oral Rat: 780 mg/kg male (14 days); 525 mg/kg female (14 days)

Harmful if swallowed. ALD: 10 g.

Ingestion may cause nausea, vomiting, sore throat, stomach ache and eventually lead to a perforation of the intestine. Injuries to liver and kidney may occur.

Contact with skin:

LD50 dermal: No data available

The product may get absorbed into the body through skin.

Major effects of exposure: Severe irritation, brown stain on skin

Inhalation:

LC50 inhalation: No data available

The product may be absorbed into the body by inhalation.

Major effects of exposure: Cough, respiratory disorder.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

IARC : Not listed

NTP Biennial Report on Carcinogens : Not listed

OSHA carcinogen : Not listed

Phototoxicity:

No acute phototoxic potential –in-vivo phototoxicity unlikely.

14. TRANSPORT INFORMATION

Product:	Potassium Permanganate
UN-No.	1490
Hazard Identification No.	50
ADR/RID/AND/IMDG/ICAO Class:	5.1
Classification Code:	O2
Packing Group (ADR/RID/AND/IMDG/ICAO):	II
Hazard Class:	Oxidizer
Proper Shipping Name:	Potassium Permanganate

15. REGULATORY INFORMATION

Markings according to EU guidelines:

The product has been classified and marked in accordance with EU directives/ordinances on hazardous materials.

Chemical Name	CAS No.	EINECS	UN Number
Potassium Permanganate	7722-64-7	231-760-3	UN 1490

Classification according to Regulation (EC) No 1272/2008 (CLP)

Hazard pictograms



Signal Word: Danger

Hazard Statements:

H272 – May intensify fire; oxidizer
H302 – Harmful if swallowed
H314 – Causes severe skin burns and eye damage
H410 – Very toxic to aquatic life with long lasting effects

Precautionary Statements:

P102– Keep out of reach of children
P220 – Keep/store away from clothing/combustible materials
P264 – Wash hands and face thoroughly after handling
P270 – Do not eat, drink or smoke when using this product
P273 – Avoid release to the environment
P303+P361+P353 – If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 – If in eyes: Rinse cautiously with water for Several minutes. Remove contact lenses, if present and Easy to do. Continue rinsing.

MapuTREAT

US Federal Regulations

Chemical Inventory Status

Ingredient	CAS No.	TSCA	EC	Japan	Australia
Potassium Permanganate	7722-64-7	Yes	Yes		

Federal, State & International Regulations

Ingredient	CAS No.	CERICA	RCRA	TSCA 8(d)
Potassium Permanganate	7722-64-7	Yes (RQ=100 lbs)	D001	No

Chemical Safety Assessment:

No data available.

16. OTHER INFORMATION

Training Instruction:

Make sure that employees handling the product are aware of hazard risk.

Data Sources:

Data arise from literature.