MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

Code, Trade Name: OR4200, ORP Standard, 200 mv
Chemical Name: Iron Cyanide Complex in Water
Chemical Family: Metal Salts in Water

II. HAZARDOUS INGREDIENTS

Potassium Ferricyanide, CAS #13746-66-2 <2% W/V
TLV/PEL: Not Established
TXDS: orl-rat LDLo: 1600 mg/kg

Potassium Ferrocyanide, CAS #14459-95-1 <2% W/V
TLV/PEL: Not Established
TXDS: N/A

Potassium Chloride, CAS #7447-40-7 <1% W/V
TLV/PEL: Not Established
TXDS: orl-rat LD50: 2600 mg/kg
Carcinogenicity: None listed (IARC).

III. HEALTH HAZARD DATA

Harmful if swallowed. Fumes highly toxic from chemical or thermal decomposition. May irritate eyes, skin and mucous membranes.

Routes of Entry: Ingestion, Inhalation, Skin Contact.

First Aid:

Eyes: Flush with water for at least 15 min; get immediate medical assistance.
Skin: Remove contaminated clothing and wash with soap and water.
Inhalation: Remove to fresh air & give artificial respiration if breathing has stopped. Inhale amyl nitrite vapor five times at 15 second intervals.
Ingestion: Induce vomiting if conscious.

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!

IV. PHYSICAL DATA

Boiling Point: N/A
Specific Gravity: N/A
Water Solubility: Miscible
Appearance & Odor: Light blue green aqueous solution.

V. FIRE & EXPLOSION HAZARD DATA

Flash Point: N/A
Extinguishing Media: Any applicable for other materials involved.
Special Procedures: Wear self contained breathing apparatus and protective clothing if necessary.
Unusual Fire & Explosion Hazards: Toxic fumes.

VI. REACTIVITY DATA

Conditions To Avoid: Decomposition, acids
Hazardous Combustion & Decomposition Products:
Toxic fumes, cyanide gas

VII. SPECIAL PROTECTION

Provide adequate general and local exhaust ventilation.
Protect eyes and skin with safety goggles and gloves.
Do not get in eyes, on skin or clothing.
Wear self contained breathing apparatus in high vapor areas.
Do not breathe vapors.

VIII. HANDLING AND STORAGE PRECAUTIONS

Keep container tightly closed.
Store in cool, dry, well ventilated area.
Keep away from ignition source.
Wash thoroughly after handling.

DOT - Not Regulated

IX. ENVIRONMENTAL PROTECTION

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.

Waste Disposal: Comply with all local, state and federal regulations.

The above information is to be used only as a guide, and does not profess to be all inclusive. Cascade Water Services shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available
Issue Date: 6/04
Revised: