According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

### **SECTION 1: Identification**

## Product identifier

Product name: Color Standard Solution Product code: CO9000

# Recommended use of the product and restriction on use

Relevant identified uses: Laboratory Chemicals Uses advised against: Not determined or not applicable. Reasons why uses advised against: Not determined or not applicable.

## Manufacturer or supplier details

Manufacturer: United States AquaPhoenix Scientific, Inc. 860 Gitts Run Road Hanover, PA 17331 1-717-632-1291

# Emergency telephone number: United States ChemTel Inc +1(800)255-3924 +1(813)248-0585

# SECTION 2: Hazard(s) identification

### **GHS classification:**

Skin corrosion, category 1B Corrosive to metals, category 1

## Label elements

# Hazard pictograms:



Signal word: Danger

#### Hazard statements:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

## **Precautionary statements:**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P234 Keep only in original container.
P301 IF SWALLOWED:
P303 IF ON SKIN (or hair):
P304 IF INHALED:
P305 IF IN EYES:
P310 Immediately call a POISON CENTER or doctor/physician.

Page 1 of 12

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

Page 2 of 12

P321 Specific treatment (see ... on this label).

P330 Rinse mouth

P331 Do NOT induce vomiting.

P338 Remove contact lenses if present and easy to do. Continue rinsing

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing

P351 Rinse cautiously with water for several minutes

P353 Rinse skin with water/shower

P361 Remove/Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P390 Absorb spillage to prevent material damage

P405 Store locked up.

P406 Store in corrosive resistant container with a resistant inner liner.

P501 Dispose of contents/container to ...

# Hazards not otherwise classified: None

# **SECTION 3: Composition/information on ingredients**

| Identification            | Name                               | Weight % |
|---------------------------|------------------------------------|----------|
| CAS number:<br>7732-18-5  | Demineralized Water                | >90      |
| CAS number:<br>7647-01-0  | Hydrochloric acid                  | 1-10     |
| CAS number:<br>7646-79-9  | Cobalt Chloride                    | 0.1      |
| CAS number:<br>16921-30-5 | Potassium Hexachloroplatinate (IV) | 0.2      |

# Additional Information: None

# **SECTION 4: First aid measures**

# **Description of first aid measures**

# **General notes:**

Not determined or not applicable.

# After inhalation:

Loosen clothing as necessary and position individual in a comfortable position Maintain an unobstructed airway Get medical advice/attention if you feel unwell Move exposed individual to fresh air Immediately call a POISON CONTROL CENTER or seek medical attention

# After skin contact:

Rinse affected area with soap and water If symptoms develop or persist, seek medical attention Immediately remove all contaminated clothing

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## Initial preparation date: 01.23.2018

Wash affected area with soap and water

### **Color Standard Solution**

Immediately call a POISON CONTROL CENTER or seek medical attention **After eye contact:** Rinse/flush exposed eye(s) gently using water for 15-20 minutes Remove contact lenses, if present and easy to do Continue rinsing Get medical advice/attention Remove contact lens(es) if able to do so during rinsing Immediately call a POISON CONTROL CENTER or seek medical attention **After swallowing:** 

Rinse mouth and then drink plenty of water Do not induce vomiting Get medical advice/attention if you feel unwell Immediately call a POISON CONTROL CENTER or seek medical attention

#### Most important symptoms and effects, both acute and delayed

#### Acute symptoms and effects:

Not determined or not applicable.

#### **Delayed symptoms and effects:**

Not determined or not applicable.

#### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Not determined or not applicable.

# **SECTION 5: Firefighting measures**

#### Extinguishing media

#### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

#### Unsuitable extinguishing media:

Not determined or not applicable.

## Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

## Special protective equipment for firefighters:

Wear protective eye wear, gloves and clothing Refer to Section 8 Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

#### **Special precautions:**

Heating causes a rise in pressure, risk of bursting and combustion Shut off sources of ignition Carbon monoxide and carbon dioxide may form upon combustion

#### **SECTION 6: Accidental release measures**

# Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation Ensure air handling systems are operational Wear protective eye wear, gloves and clothing

# According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

# **Color Standard Solution**

## **Environmental precautions:**

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

# Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)

Dispose of contents / container in accordance with local regulations

## **Reference to other sections:**

Not determined or not applicable.

## **SECTION 7: Handling and storage**

## Precautions for safe handling:

Do not eat, drink, smoke or use personal products when handling chemical substances. Avoid breathing mist or vapor. Use only with adequate ventilation.

# Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area. Store away from foodstuffs.

## SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

| Country (Legal Basis) | Substance                          | Identifier | Permissible concentration                                     |
|-----------------------|------------------------------------|------------|---|
| ACGIH                 | Hydrochloric acid                  | 7647-01-0  | ACGIH TLV C 2.0 ppm   |
|                       | Cobalt Chloride                    | 7646-79-9  | 8-Hour Exposure Limit (TLV-TWA):<br>0.02 mg/m <sup>3</sup>    |
|                       | Potassium Hexachloroplatinate (IV) | 16921-30-5 | ACGIH TLV 0.002 mg/m <sup>3</sup> , as Pt<br>(soluble salts)  |
| United States (OSHA)  | Hydrochloric acid                  | 7647-01-0  | OSHA PEL C 5.0 ppm  |
|                       | Hydrochloric acid                  | 7647-01-0  | OSHA PEL C 7.0 mg/m <sup>3</sup>                              |
|                       | Potassium Hexachloroplatinate (IV) | 16921-30-5 | OSHA PEL 0.002 mg/m³, as Pt<br>(soluble salts)                |
| NIOSH                 | Hydrochloric acid                  | 7647-01-0  | NIOSH REL C 5.0 ppm   |
|                       | Hydrochloric acid                  | 7647-01-0  | NIOSH REL C 7.0 mg/m <sup>3</sup>                             |
|                       | Potassium Hexachloroplatinate (IV) | 16921-30-5 | NIOSH IDLH 4 mg/m <sup>3</sup> , as Pt<br>(soluble salts)     |
| Japan                 | Cobalt Chloride                    | 7646-79-9  | ISHL OELs - Threshold limit value:<br>0.02 mg/m <sup>3</sup>  |
|                       | Cobalt Chloride                    | 7646-79-9  | JSOH OEL: TWA: 0.05 mg/m <sup>3</sup>                         |
| Bulgaria              | Cobalt Chloride                    | 7646-79-9  | TWA: 0.1 mg/m <sup>3</sup>                                    |
| Croatia               | Cobalt Chloride                    | 7646-79-9  | Maximum (8 hr) allowable concentration: 0.1 mg/m <sup>3</sup> |
| Czech Republic        | Cobalt Chloride                    | 7646-79-9  | 8-hour TWA: 0.05 mg/m <sup>3</sup>                            |
|                       | Cobalt Chloride                    | 7646-79-9  | Ceiling limit (NPK-P): 0.1 mg/m <sup>3</sup>                  |
| Estonia               | Cobalt Chloride                    | 7646-79-9  | 8-hour TWA: 0.05 mg/m <sup>3</sup>                            |
| Hungary               | Cobalt Chloride                    | 7646-79-9  | 8-hour TWA (ÁK Value): 0.1 mg/m <sup>3</sup>                  |

# Occupational Exposure limit values:

# According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## Initial preparation date: 01.23.2018

# Page 5 of 12

### **Color Standard Solution**

| Country (Legal Basis) | Substance       | Identifier | Permissible concentration   |
|-----------------------|-----------------|------------|---|
|                       | Cobalt Chloride | 7646-79-9  | 60-minute STEL (CK Value): 0.4 mg/m <sup>3</sup>  |
| Lithuania             | Cobalt Chloride | 7646-79-9  | 8-hour TWA: 0.05 mg/m <sup>3</sup>  |
| Poland                | Cobalt Chloride | 7646-79-9  | 8-hour TWA (NDS): 0.02 mg/m <sup>3</sup>  |
| Slovakia              | Cobalt Chloride | 7646-79-9  | 8-hour TWA (NPEL): 0.05 mg/m <sup>3</sup>   |
| Denmark               | Cobalt Chloride | 7646-79-9  | TWA: 0.01 mg/m <sup>3</sup>   |
| Finland               | Cobalt Chloride | 7646-79-9  | 8-hour limit: 0.02 mg/m <sup>3</sup>  |
| Greece                | Cobalt Chloride | 7646-79-9  | 8-hour TWA: 0.1 mg/m <sup>3</sup>   |
| Ireland               | Cobalt Chloride | 7646-79-9  | 8-hour OEL (TWA): 0.1 mg/m <sup>3</sup>   |
| Italy                 | Cobalt Chloride | 7646-79-9  | 8-hour TWA: 0.02 mg/m <sup>3</sup>  |
| Portugal              | Cobalt Chloride | 7646-79-9  | 8-hour exposure limit: 0.02 mg/m <sup>3</sup>   |
| Spain                 | Cobalt Chloride | 7646-79-9  | 8-hour daily exposure limit<br>(VLA_ED): 0.02 mg/m <sup>3</sup>                                       |
| Sweden                | Cobalt Chloride | 7646-79-9  | Level Limit Value (NGV): 0.02 mg/m <sup>3</sup>   |
| United Kingdom        | Cobalt Chloride | 7646-79-9  | TWA: 0.1 mg/m <sup>3</sup>  |
| Brazil                | Cobalt Chloride | 7646-79-9  | 8-Hour Exposure Limit (TLV-TWA):<br>0.02 mg/m <sup>3</sup>  |
| Canada                | Cobalt Chloride | 7646-79-9  | Alberta OELs - 8-Hour TWA<br>Exposure Limit: 0.02 mg/m <sup>3</sup>                                   |
|                       | Cobalt Chloride | 7646-79-9  | British Columbia OELs - 8-Hour<br>TWA Exposure Limit: 0.02 mg/m <sup>3</sup>                          |
|                       | Cobalt Chloride | 7646-79-9  | Manitoba OELs - 8-hour Exposure<br>Limit (TLV-TWA): 0.02 mg/m <sup>3</sup>                            |
|                       | Cobalt Chloride | 7646-79-9  | Ontario OELs - 8-Hour TWA<br>Exposure Limit: 0.02 mg/m <sup>3</sup>                                   |
|                       | Cobalt Chloride | 7646-79-9  | Quebec OELs - 8-Hour TWA<br>Exposure Value: 0.02 mg/m <sup>3</sup>                                    |
|                       | Cobalt Chloride | 7646-79-9  | Saskatchewan OELs - 8 Hour<br>Average Contamination Limit:<br>0.02 mg/m <sup>3</sup>                  |
|                       | Cobalt Chloride | 7646-79-9  | Saskatchewan OELs - 15 Minute<br>Average Contamination Limit:<br>0.06 mg/m <sup>3</sup>               |
| Mexico                | Cobalt Chloride | 7646-79-9  | NOM-010-STPS-2014: Time<br>Weighted Average Exposure Limit<br>Value (VLE-PPT): 0.02 mg/m <sup>3</sup> |

# **Biological limit values:**

No biological exposure limits noted for the ingredient(s).

## Information on monitoring procedures:

Not determined or not applicable.

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

# Personal protection equipment

# According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

### Initial preparation date: 01.23.2018

### **Color Standard Solution**

## Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

# Skin and body protection:

Select glove material impermeable and resistant to the substance.

# **Respiratory protection:**

When necessary, use NIOSH-approved breathing equipment.

### General hygienic measures:

Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing. Perform routine housekeeping. Wash contaminated clothing before reusing.

#### SECTION 9: Physical and chemical properties

## Information on basic physical and chemical properties

| Appearance                              | Clear, yellow liquid  |
|---|---|
| Odor                                    | Odorless  |
| Odor threshold                          | Not determined or not available.  |
| рН                                      | ~1  |
| Melting point/freezing point            | Estimation: -6 °C (22 °F)   |
| Initial boiling point/range             | Estimation: 102 °C (215 °F)   |
| Flash point (closed cup)                | Not determined or not available.  |
| Evaporation rate                        | 0.963   |
| Flammability (solid, gas)               | Not Flammable, but reacts with most metals to form flammable hydrogen gas |
| Upper flammability/explosive limit      | Not determined or not available.  |
| Lower flammability/explosive limit      | Not determined or not available.  |
| Vapor pressure                          | Estimation: 17.10 mm Hg (2.22 kPa) at 20 °C (68 °F)                       |
| Vapor density                           | Estimation: 0.64 at 20 °C (68 °F)   |
| Density                                 | Not determined or not available.  |
| Relative density                        | 1.02  |
| Solubilities                            | Soluble in water and acid   |
| Partition coefficient (n-octanol/water) | Not determined or not available.  |
| Auto/Self-ignition temperature          | Not determined or not available.  |
| Decomposition temperature               | Not determined or not available.  |
| Dynamic viscosity                       | ~ 1.1 mPa*s   |
| Kinematic viscosity                     | Not determined or not available.  |
| Explosive properties                    | Not determined or not available.  |
| Oxidizing properties                    | Not determined or not available.  |

# **Other information**

# SECTION 10: Stability and reactivity

## **Reactivity:**

Does not react under normal conditions of use and storage.

# **Chemical stability:**

# According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

## Initial preparation date: 01.23.2018

### **Color Standard Solution**

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

### **Conditions to avoid:**

Incompatible materials. Excess heat. Evaporation. Freezing conditions. Contact with acid or acid fumes.

#### Incompatible materials:

Alkali metals, alkalies, metals, fluorine, strong acids, and strong bases.

## Hazardous decomposition products:

Heating to decomposition releases toxic and/or corrosive fumes of: hydrogen chloride. Reacts with most metals to form Hydrogen gas.

## **SECTION 11: Toxicological information**

## Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

## Product data: No data available.

# Substance data:

| Name                                  | Route      | Result                        |
|---------------------------------------|------------|-------------------------------|
| Hydrochloric acid                     | inhalation | LC50 - Mouse - 1,108 ppm / 1h |
|                                       | oral       | LD50 Rabbit: 900 mg/kg        |
| Cobalt Chloride                       | oral       | LD50 - Rat - 418 mg/kg        |
| Potassium Hexachloroplatinate<br>(IV) | oral       | LD50 Rat: 184 - 212 mg/kg bw  |

#### Skin corrosion/irritation

Assessment: Causes severe skin burns and eye damage

Product data: No data available.

# Substance data:

| Name              | Result                                   |
|-------------------|--|
| Hydrochloric acid | Causes severe skin burns and eye damage. |

#### Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

#### **Respiratory or skin sensitization**

Assessment: Based on available data, the classification criteria are not met.

### Product data: No data available.

# Substance data:

| Name            | Result   |  |
|-----------------|--|--|
| Cobalt Chloride | May cause an allergic skin reaction.                                       |  |
|                 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |  |

#### Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

#### Substance data:

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

#### **Color Standard Solution**

| Name            | Species | Result            |
|-----------------|---------|-------------------|
| Cobalt Chloride |         | May cause cancer. |

#### International Agency for Research on Cancer (IARC):

| Name              | Classification   |
|-------------------|--|
| Hydrochloric acid | Group 3 - Not classifiable as to its carcinogenicity to humans |
| Cobalt Chloride   | Group 2B   |

#### National Toxicology Program (NTP):

| Name            | Classification                                 |
|-----------------|--|
| Cobalt Chloride | Reasonably anticipated to be human carcinogens |

#### Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

## Substance data:

| Name            | Result                                |
|-----------------|---------------------------------------|
| Cobalt Chloride | Suspected of causing genetic defects. |

#### **Reproductive toxicity**

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

## Substance data:

| Name            | Result                                    |
|-----------------|---|
| Cobalt Chloride | May damage fertility or the unborn child. |

### Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

# Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

# **Aspiration toxicity**

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: No data available. Other information: No data available.

# **SECTION 12: Ecological information**

#### Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met. Product data: No data available. Substance data:

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

| Name                                  | Result                            |
|---------------------------------------|-----------------------------------|
| Hydrochloric acid                     | LC50: 282 mg/L (96Hr)             |
| Potassium Hexachloroplatinate<br>(IV) | LC50 (4 days): 25.78 - 76.55 mg/L |
| ronic (long-term) toxicity            |                                   |

Product data: No data available.

Substance data: No data available.

# Persistence and degradability

Product data: No data available. Substance data: No data available.

#### Bioaccumulative potential

**Product data:** No data available. **Substance data:** No data available.

## Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

## **SECTION 13: Disposal considerations**

#### **Disposal methods:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11) EPA Waste ID Number: D002. Special Instructions (Disposal): Dilute to 3 to 5 times the volume with cold water. Adjust to a pH between 6 and 9 with an alkali, such as soda ash or sodium bicarbonate. If permitted by regulation, Open cold water tap completely, slowly pour the reacted material to the drain. Allow cold water to run for 5 minutes to completely flush the system. Otherwise, Check with local municipal and state authorities and waste contractors for pertinent local information regarding the proper disposal of chemicals. Empty Containers: Working in a well-ventilated area, Rinse three times with an appropriate solvent. Collect rinsate and dispose of according to local, state or federal regulations. In the US, rinsate from empty containers is classified as hazardous waste and should be disposed of at an E.P. A. approved facility. Rinsate from empty containers may contain sufficient product to require disposal as hazardous waste. Dispose of empty container as normal trash. NOTICE (Disposal): These disposal guidelines are based on federal regulations and may be superseded by more stringent state or local requirements. Please consult your local environmental regulators for more information. In Europe: Chemical and analysis solutions must be disposed of in compliance with the respective national regulations. Product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system

### **SECTION 14: Transport information**

#### United States Transportation of dangerous goods (49 CFR DOT)

| UN number                     | 3264   |  |  |
|-------------------------------|--|--|--|
| UN proper shipping name       | name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrogen Chloride) |  |  |
| UN transport hazard class(es) | 8  |  |  |
| Packing group                 | III  |  |  |
| Environmental hazards         | None   |  |  |
| Special precautions for user  | None   |  |  |

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

| Reportable quantity | 5000     |
|---------------------|----------|
| Excepted quantities | 30g/30mL |
| Passenger air/rail  | 5L       |
| Cargo aircraft only | 60L      |
| Stowage category    | A        |

# International Maritime Dangerous Goods (IMDG)

| UN number                     | 3264  |  |  |  |
|-------------------------------|---|--|--|--|
| UN proper shipping name       | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrogen Chloride) |  |  |  |
| UN transport hazard class(es) | 8   |  |  |  |
| Packing group                 | III   |  |  |  |
| Environmental hazards         | None  |  |  |  |
| Special precautions for user  | None  |  |  |  |
| Excepted quantities           | 30g/30mL  |  |  |  |
| Limited quantity              | 5L  |  |  |  |

# International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

| UN number                     | 3264  |  |  |
|-------------------------------|---|--|--|
| UN proper shipping name       | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrogen Chloride) |  |  |
| UN transport hazard class(es) | 8   |  |  |
| Packing group                 | III   |  |  |
| Environmental hazards         | None  |  |  |
| Special precautions for user  | None  |  |  |
| Excepted quantities           | 30g/30mL  |  |  |
| Passenger and cargo           | 5L  |  |  |
| Cargo aircraft only           | 60L   |  |  |
| Limited quantity              | 5L  |  |  |

# **SECTION 15: Regulatory information**

# **United States regulations**

# Inventory listing (TSCA):

| 7647-01-0  | Hydrochloric acid                  | Listed |
|------------|------------------------------------|--------|
| 7646-79-9  | Cobalt Chloride                    | Listed |
| 7732-18-5  | Demineralized Water                | Listed |
| 16921-30-5 | Potassium Hexachloroplatinate (IV) | Listed |

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 311/312 hazards:

# According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

|  | ••                                 |                                    |          |               |               |
|--|------------------------------------|------------------------------------|----------|---------------|---------------|
| Acute                                  | Chronic                            | Fire                               | Pressure | Reactive      |               |
| No                                     | No No No No                        |                                    |          |               |               |
| SARA Section 302                       | extremely hazar                    | dous substances:                   |          |               |               |
| 7647-01-0                              | Hydrochloric a                     | Hydrochloric acid                  |          |               |               |
| SARA Section 313                       | toxic chemicals:                   |                                    |          |               |               |
| 7647-01-0                              | Hydrochloric a                     | icid                               |          |               | Listed        |
| 7646-79-9                              | Cobalt Chlorid                     | e                                  |          |               | Not<br>Listed |
| 7732-18-5                              | Demineralized                      | Demineralized Water                |          |               | Not<br>Listed |
| 16921-30-5                             | Potassium He                       | Potassium Hexachloroplatinate (IV) |          |               | Not<br>Listed |
| CERCLA:                                |                                    |                                    |          |               | •             |
| 7647-01-0                              | Hydrochloric a                     | cid                                |          | Listed        | 5000 lbs.     |
| RCRA: Not determi<br>Section 112(r) of | ned.<br>the Clean Air Act          | (CAA):                             |          |               |               |
| 7647-01-0                              | Hydrochloric a                     | icid                               |          |               | Listed        |
| Aassachusetts Ri                       | ght to Know:                       |                                    |          |               | •             |
| 7647-01-0                              | Hydrochloric a                     | icid                               |          |               | Listed        |
| 7646-79-9                              | Cobalt Chlorid                     | Cobalt Chloride                    |          |               | Not<br>Listed |
| 7732-18-5                              | Demineralized                      | Demineralized Water                |          |               | Not<br>Listed |
| 16921-30-5                             | Potassium Hexachloroplatinate (IV) |                                    |          |               | Not<br>Listed |
| New Jersey Right                       | to Know:                           |                                    |          |               | •             |
| 7647-01-0                              | Hydrochloric a                     | icid                               |          |               | Listed        |
| 7646-79-9                              | Cobalt Chlorid                     | Cobalt Chloride                    |          |               | Listed        |
| 7732-18-5                              | Demineralized                      | Demineralized Water                |          |               | Not<br>Listed |
| 16921-30-5                             | Potassium Hex                      | Potassium Hexachloroplatinate (IV) |          |               |               |
| New York Right to                      | o Know:                            |                                    |          |               |               |
| 7647-01-0                              | Hydrochloric a                     | cid                                |          |               | Listed        |
| 7646-79-9                              | Cobalt Chlorid                     | Cobalt Chloride                    |          |               | Listed        |
| 7732-18-5                              | Demineralized Water                |                                    |          | Not<br>Listed |               |
| 16921-30-5                             | Potassium Hex                      | Potassium Hexachloroplatinate (IV) |          |               | Listed        |
| Pennsylvania Rig                       | ht to Know:                        |                                    |          |               |               |
| 7647-01-0                              |                                    | Hydrochloric acid                  |          |               | Listed        |
| 7646-79-9                              | Cobalt Chlorid                     | Cobalt Chloride                    |          |               | Listed        |
| 7732-18-5                              | Demineralized                      | Demineralized Water                |          |               | Not<br>Listed |
| 16921-30-5                             | Potassium Hex                      | Potassium Hexachloroplatinate (IV) |          |               | Listed        |
| L                                      |                                    |                                    |          |               |               |

California Proposition 65: None of the ingredients are listed.

Generated by SDSPublisher (patent-pending) www.GSMSDS.com, 1-813-435-5161

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2018

## **Color Standard Solution**

## **SECTION 16: Other information**

## Abbreviations and Acronyms: None

## **Disclaimer:**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

#### NFPA: 3-0-0

#### HMIS: 3-0-0

Initial preparation date: 01.23.2018

#### **End of Safety Data Sheet**

Page 12 of 12