SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PCP/Methaqualone Reagent
PRODUCT NUMBER(S): 914 (1006331), 7614 (1006039)
DATE: August 1, 2011

TRADE NAME: PCP/Methaqualone Reagent
GENERAL USE: Phencyclidine/Methaqualone Test
CHEMICAL FAMILY: Cobalt(II) Salt, Acid Combination
PRODUCT DESCRIPTION:
1st Ampoule – pink liquid; 2nd ampoule – clear and colorless.

MANUFACTURED FOR: Safariland LLC
ADDRESS (NUMBER, STREET, P.O. BOX): 13366 International Parkway
(JOY, STATE AND ZIP CODE): Jacksonville, FL 32218

SECTION 2 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION:
Irritation of throat. Inhalation of acid vapors may be injurious to the lungs and with repeated inhalation chronic irritation/inflammation of nose, throat, and bronchial tubes.

SKIN:
Irritation and or burns by direct contact. Delayed onset contact dermatitis is also possible with chronic repeated exposure to both ampoule 1 and ampoule 2 chemicals.

EYES:
Chronic irritation of eyes, corneal burns are possible with exposure to Phosphoric Acid (Ampoule 2).

INGESTION:
Severe irritation and ulceration of the gastrointestinal tract. Vomiting and diarrhea are also symptoms.

CARCINOGENICITY:
NTP? No IARC MONOGRAPHS? Yes Cobalt II Thiocyanate Group 2 B E.U. - No
CALIFORNIA, Prop.65? No

SECTION 3 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>% (by Weight)</th>
<th>CAS #</th>
<th>EINECS #</th>
<th>Hazard Symbol</th>
<th>RISK PHRASES (Full Text Section 15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (II) Thiocyanate, 1st Ampoule</td>
<td>1-2%</td>
<td>3017-60-5</td>
<td>221-156-8</td>
<td>Xn</td>
<td>R20/21/22, R32</td>
</tr>
<tr>
<td>Phosphoric Acid, 2nd Ampoule</td>
<td>&gt;90%</td>
<td>7664-38-2</td>
<td>231-791-2</td>
<td>C</td>
<td>R34</td>
</tr>
</tbody>
</table>

Notes: Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient.

SECTION 4 - FIRST AID MEASURES

INHALATION:
Remove to fresh air, apply CPR if victim is unconscious, administer oxygen, seek immediate medical attention.

EYES:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

SKIN:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

INGESTION:
If swallowed, give plenty of water to dilute substances, do not induce vomiting; if conscious, give large quantities of water immediately to dilute the phosphoric acid. If vomiting occurs spontaneously keep the head below the waist to avoid aspiration. Call a physician immediately.
GENERAL HAZARDS:
Phosphoric Acid, 2nd Ampoule is corrosive to many metals with evolution of flammable hydrogen gas, and emits toxic and irritating gases when involved in a fire. Cobalt thiocyanate may emit toxic cyanide and cobalt fumes in a fire.

EXTINGUISHING MEDIA:
Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES:
None applicable, not flammable.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Under fire conditions wearing NIOSH/MSA or European EN-149 approved SCBA's or acid gas=organic vapor respirators is required. Fumes emitted from heated product are toxic and corrosive.

HAZARDOUS COMBUSTION PRODUCTS:
Hydrogen cyanide gas, phosphorous compounds, sulfur oxides, and organic vapors.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Wear protective equipment; ventilate area; cover a phosphoric acid spill with sodium carbonate. Add water if necessary to form a slurry. Scoop up slurry. Can use ODV part number 910 soda ash.

Hazardous combustion products:
Hydrogen cyanide gas, phosphorous compounds, sulfur oxides, and organic vapors.

WASH THOROUGHLY AFTER HANDLING. BE PREPARED TO NEUTRALIZE AND ABSORB SPILLED ACID, AND TO CLEAN UP TOXIC CHLOROFORM.

RESPIRATORY PROTECTION:
NIOSH/MSA or European EN-149 approved organic vapor respirator for a minor Chloroform spills.

PROTECTIVE GLOVES:
Impervious gloves (neoprene, nitrile) required when any contact potential with contents exists.

EYE PROTECTION:
Do not get in eyes, wear safety glasses with side shield splash protection or chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
An eye wash fountain and safety shower should be readily available where the potential for contact exists.

WORK / HYGIENIC PRACTICES:
Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid, and to clean up toxic chloroform.

APPEARANCE AND ODOR
1st Ampoule – pink liquid; 2nd Ampoule – clear and colorless.

VOC NE Volatility NE

BOILING POINT / BOILING RANGE
NE

FLASH POINT
NE

FLAMMABLE LIMITS
LEL: NE UEL: NR

AUTO-IGNITION TEMPERATURE
NR

PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE
0.28 mm Hg at 20°C (68°F)

SPECIFIC GRAVITY (WATER = 1)
1 - 1st ampoule. 1.69 - 2nd ampoule

SOLUBILITY IN WATER
Soluble

VISCOSITY
NA

VAPOR DENSITY (AIR = 1)
NE

EVAPORATION RATE (BUTYL ACETATE = 1)
NE
**SECTION 10 - STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS #</th>
<th>EINECS #</th>
<th>LD50 of Ingredient (Specify Species and Route)</th>
<th>LC50 of Ingredient (Specify Species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt (II) Thiocyanate, 1st Ampoule.</td>
<td>3017-60-5</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>221-156-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphoric Acid, 2nd Ampoule</td>
<td>7664-38-2</td>
<td>Oral, rat: LD50 = 1250 mg/kg.</td>
<td>Inhalation, rat: LC50 = 25.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>231-791-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 12 - ECOLOGICAL INFORMATION**

For Cobalt (II) Thiocyanate: No specific information available, however it is known that Cobalt salts like most heavy metals present an environmental risk and are persistent water pollutants. Avoid discharge of the contents of Ampoule 1 into drains or other water courses, disposal should be as collected waste for disposal at a permitted hazardous waste facility in compliance with all Local, State and Federal regulations.

For Phosphoric Acid: Ecotoxicity: Fish: Mosquito Fish: LC50 = 138 mg/L; 96 Hr; Unspecified No data available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**SECTION 14 - TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Not Regulated* (USA Ground), Chemical Kit UN 3316 (Intl./Air/Sea)

**DOT HAZARD CLASS / Pack Group:** Not Regulated

**IMDG HAZARD CLASS:** 9

**RID/ADR Dangerous Goods Code:** 9

**TDG Dangerous Goods Code:** 9

**Hazard Identification Number (HIN):** 90

**IATA HAZARD CLASS / Pack Group:** 9 / II

* - Excepted Quantity under 49CFR173.4(b) for ground and rail shipments in the USA only.

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.
MATERIAL SAFETY DATA SHEET

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): Ingredients are listed.
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

Acute Health: Yes Chronic Health: Yes
Fire: No Sudden Release of Pressure: No
Reactive: No

313 REPORTABLE INGREDIENTS: This material contains Chloroform (CAS# 67-66-3, 99+%%) and Cobalt II Thiocyanate

CERCLA (USA - Comprehensive Response Compensation and Liability Act): No
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No
Stae Right to Know: Cobalt II Thiocyanate: NJ, PA. Phosphoric Acid: MA,NJ,PA

EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.
CIDL (Canadian Ingredient Disclosure List): Not Listed on CDSL.

CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):

WGK Water Quality Index: 2

REVISION SUMMARY:
Revised 8/1/2011 to EU protocols, supersedes 09/11/2008 issue. LB/JTV

MSDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.