



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| PRODUCT NAME: Test N – Pentazocine Test | | DATE: October 15, 2008 | |
| PRODUCT NUMBER(S): 6083 | | | |
| TRADE NAME: Test N – Pentazocine Test GENERAL USE: Pentazocine (Talwin/Talacen) Test CHEMICAL FAMILY: Inorganic Acid Solutions PRODUCT DESCRIPTION: Clear colorless and odorless. - Ampoule 1, Colorless with possible acid odor - Ampoule 2 | |  | |
| MANUFACTURED FOR: Safariland LLC | | DATE PREPARED: October 15, 2008 | |
| ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway | | SUPERSEDES: April 15, 2008 | |
| (CITY, STATE AND ZIP CODE) Jacksonville, FL 32218 | | TELEPHONE NUMBER FOR INFORMATION / Customer Service 904-741-5400 | |
| COUNTRY USA | | CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International | |

SECTION 2 - HAZARDOUS INGREDIENTS

| Hazardous Components | % (by Weight) | CAS # | EINECS # | Hazard Symbol | RISK PHRASES (Full Text Section 15) |
|---------------------------------------|---------------|------------------|------------------|---------------|-------------------------------------|
| Selenious Acid (1st Ampoule) | <1 | 7783-00-8 | 231-974-7 | (+T) | None |
| Sulfuric Acid (1st Ampoule) | >95 | 7664-93-9 | 231-639-5 | (+C) | R35 |
| Formaldehyde 37% (1st Ampoule) | <1 | 50-00-0 | 200-001-8 | (+Xn) | R40, R43 |
| Nitric Acid (2nd Ampoule) | 1-10 | 7697-37-2 | 231-714-2 | (+C) | R34 |

Notes: Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient.
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 Highly corrosive liquid. Both liquid and vapors can cause serious damage to tissues. Avoid strong bases and organic compounds. Formaldehyde is toxic to the liver, kidneys, and eyes.

POTENTIAL HEALTH EFFECTS

INHALATION:
 Inhalation of vapors may cause severe respiratory irritation, headache, and nausea. Chronic exposure may cause respiratory damage.

SKIN:
 Product is highly corrosive, and may seriously burn skin. Use proper gloves and clothing while working with product. Third degree burns can occur, with permanent scarring.

EYES:
 Liquid or vapor may cause severe burns and ulcerations. Use safety glasses; use of a face shield is advisable. Product can cause irreversible damage to eyes.

INGESTION:
 Product is highly corrosive; ingestion can lead to severe injury, including death. Serious burning, irreversible damage, and extreme pain in gastro-intestinal tract may occur. Formaldehyde ingestion may cause blindness, organ failure, and death.

CARCINOGENICITY:
 NTP? **Yes - Formaldehyde** IARC MONOGRAPHS? **Yes - Formaldehyde** OSHA REGULATED? **Yes - Formaldehyde**
 CALIFORNIA, Prop.65? **Yes - Formaldehyde** ESIS? **Yes - Formaldehyde**

SECTION 4 - FIRST AID MEASURES

INHALATION:
 Place victim in well-ventilated area. If victim is not breathing, perform artificial respiration. Seek immediate medical attention.

EYES:
 Material can cause severe eye irritation and burns. Flush eyes with a large quantity of water for a minimum of 15 minutes, then seek immediate medical attention. Do not medicate with "over-the-counter" eye products.

SKIN:
 Product is corrosive and will damage skin and tissues. Use of appropriate gloves and thorough hand-washing with hand cleanser is required. Remove contaminated clothing and rinse thoroughly. If skin is damaged or severely irritated, seek medical help. Safety Showers are highly recommended for use of this product.

INGESTION:
 Product is highly corrosive; ingestion can lead to severe injury, including death. If victim is able to swallow, give water, then seek immediate medical help.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Test N – Pentazocine Test
PRODUCT NUMBER(S): 6083 **DATE:** October 15, 2008

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Material is non-flammable, but heated material can generate corrosive vapors and toxic fumes.

EXTINGUISHING MEDIA:

N/A - product is non-flammable. Choose media for surrounding materials.

FIRE FIGHTING PROCEDURES:

Water may be used to cool product & reduce vapor levels. Self-contained breathing apparatus and turn-out gear are required.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Toxic and corrosive fumes and/or vapors may form. Self-contained breathing apparatus is required. Decontamination of fire-fighting gear may be needed.

HAZARDOUS COMBUSTION PRODUCTS:

May produce fumes containing selenium compounds, which are highly toxic. Self-contained breathing apparatus is required for fire-fighting purposes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

AVOID BREATHING VAPORS. DO NOT ADD WATER TO SPILL!!! Sequester leak or spill. Use sand or kaolin to absorb spill. Do not discharge into waterways or sewer systems.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in cool, dry, place. Avoid moisture.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| HAZARDOUS COMPONENTS | NIOSH | | | | ACGIH | | OSHA | |
|---------------------------------------|---------------------------------------------------------|-----------------------|----------|------------------------|-------------|-----------------------|----------|------------------------|
| | TWA ppm | TWA mg/m ³ | STEL ppm | STEL mg/m ³ | TLV/TWA ppm | TWA mg/m ³ | STEL ppm | STEL mg/m ³ |
| Selenious Acid (1st Ampoule) | MAK: (respirable fraction) 0.05 mg/m³ | | | | 0.2 | | | |
| Sulfuric Acid (1st Ampoule) | | 1 | | | 0.2 | | | 1 |
| Formaldehyde 37% (1st Ampoule) | | | | | | 0.5 | | 5 |
| Nitric Acid (2nd Ampoule) | 2 | 5 | 4 | 10 | 2 | 5 | 2 | 5 |

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Generally not needed, as ampoules are small and used immediately. Use approved NIOSH respirator if TLV levels are exceeded.

PROTECTIVE GLOVES:

Wear protective gloves while working with product.

EYE PROTECTION:

Chemical goggles are required to prevent potential eye contact, irritation or injury.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear appropriate protective clothing and boots as required to prevent skin contact.

WORK / HYGIENIC PRACTICES:

Use good industrial hygiene.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| APPEARANCE AND ODOR Clear colorless and odorless. - Ampoule 1, Colorless with possible acrid odor - Ampoule 2 | VAPOR PRESSURE 1 mm Hg @ 145.8°F(63.2°C) - Ampoule 1, ND - Ampoule 2 |
| pH <1.0 | SPECIFIC GRAVITY (WATER = 1) 1.83 - Ampoule 1, 1.0-1.05 - Ampoule 2 |
| BOILING POINT / BOILING RANGE 290°F (143°C) - Ampoule 1, 212°F (100°C) - Ampoule 2 | SOLUBILITY IN WATER Complete |
| FLASH POINT None | VISCOSITY N/D |
| FLAMMABLE LIMITS LEL: N/D UEL: N/D | VAPOR DENSITY (AIR = 1) ~3.4 for Sulfuric Acid (Ampoule 1), ND (Ampoule 2) |
| AUTO-IGNITION TEMPERATURE NE | EVAPORATION RATE (WATER = 1) N/D |

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Test N – Pentazocine Test
PRODUCT NUMBER(S): 6083 **DATE:** October 15, 2008

SECTION 10 - STABILITY AND REACTIVITY

| | | | |
|-----------|--------|---|----------------------------------------------------|
| STABILITY | STABLE | X | CONDITIONS TO AVOID: Extreme Heat (above 120°F) |
|-----------|--------|---|----------------------------------------------------|

INCOMPATIBILITY (MATERIALS TO AVOID):
Alkalis, metals, halogenated salts (fluorides, chlorides, bromides, iodides, chlorates, perchlorates, etc.), organic compounds, water (will generate heat).

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
Selenium compounds, sulfur compounds, nitrogen compounds.

| | |
|----------------------------------------------|---------------------------------------------------------|
| HAZARDOUS POLYMERIZATION: Will Not Occur. | CONDITIONS TO AVOID: None Related to Polymerization. |
|----------------------------------------------|---------------------------------------------------------|

SECTION 11 - TOXICOLOGICAL INFORMATION

| Hazardous Components | CAS # EINECS # | LD50 of Ingredient (Specify Species and Route) | LC50 of Ingredient (Specify Species) |
|--------------------------------|-------------------|----------------------------------------------------|---------------------------------------------------|
| Selenious Acid (1st Ampoule) | 7783-00-8 | 11 mg/kg (INTRAVENOUS, MOUSE) | NR |
| | 231-974-7 | | |
| Sulfuric Acid (1st Ampoule) | 7664-93-9 | 350 mg/kg (ORAL, RAT) | 320 mg/m3 / 2 Hours (INHALATION, MOUSE) |
| | 231-639-5 | | |
| Formaldehyde 37% (1st Ampoule) | 50-00-0 | 100 mg/kg (ORAL, RAT) | 203 mg/m3 / Unknown Time (INHALATION, MOUSE) |
| | 200-001-8 | | |
| Nitric Acid (2nd Ampoule) | 7697-37-2 | Lowest published lethal dose: 430 mg/kg (human) | Inhalation rat LC50: 244 ppm (NO2)/ 30 Minutes |
| | 231-714-2 | | |

SECTION 12 - ECOLOGICAL INFORMATION

Toxic to aquatic organisms.

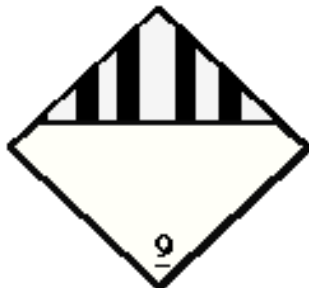
SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
 Do not dispose into waterways or sewers. Waste may be considered hazardous; the user has the responsibility of compliance with federal, state, and local regulations concerning waste disposal. Obey federal, state, and local laws regarding storage of hazardous wastes.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Chemical Kit (Contains Formaldehyde, Nitric Acid, Sulfuric Acid), UN 3316

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOT HAZARD CLASS / Pack Group: 9 / III REFERENCE: UN / NA IDENTIFICATION NUMBER: 3316 LABEL: Other Material (9) HAZARD SYMBOLS: | IMDG HAZARD CLASS: 9 RID/ADR Dangerous Goods Code: C6 UN TDG Class / Pack Group: 9 (Pack Group III) Hazard Identification Number (HIN): 90 IATA HAZARD CLASS / Pack Group: 9 / Group III |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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

PRODUCT NAME: Test N – Pentazocine Test
PRODUCT NUMBER(S): 6083 **DATE:** October 15, 2008

SECTION 15 - REGULATORY INFORMATION


TSCA (USA - Toxic Substance Control Act): **Yes**
 SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): **Yes - 302 and 313 (Nitric Acid)**
302 and 313 (Selenious Acid)
302 and 313 (Sulfuric Acid)

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

313 REPORTABLE INGREDIENTS: This material contains **Formaldehyde, Nitric Acid, Sulfuric Acid, and Selenious Acid**, which are subject to the reporting requirements of **Section 313 of SARA Title III and 40 CFR Part 373.**

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **Yes - All ingredients**
 California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **Yes - Formaldehyde**
 CCPR (Canadian Controlled Products Regulations): **Yes - Corrosive (Section 65, Class E)**
 CIDL (Canadian Ingredient Disclosure List): **Yes - Selenious Acid, Sulfuric Acid, Formaldehyde, Nitric Acid**
 CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Referenced on CDSL**
 EINECS (European Inventory of Existing Commercial Chemical Substances): **Referenced.**

WGK Water Quality Index: **2**

| RISK PHRASES: | SYMBOL(S) REQUIRED FOR EU LABEL | SAFETY PHRASES: |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R34 : Causes burns. R35 : Causes severe burns. R40 : Limited evidence of carcinogenic effect. R43 : May cause sensitization by skin contact. |  <p>(+C) - CORROSIVE (+T)-TOXIC (+Xn) - HARMFUL</p> | S1/2 : Keep locked up and out of the reach of children. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S30 : Never add water to this product. S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |

SECTION 16 - OTHER INFORMATION

Legend:
 N/A = Not Applicable N/E = Not Established
 N/D = Not Determined N/R = Not Reported

| HMIS HAZARD RATINGS | HEALTH: | | 0 = INSIGNIFICANT |
|---------------------|--------------------------------|----------|-------------------|
| | FLAMMABILITY: | 0 | 1 = SLIGHT |
| | PHYSICAL HAZARD: | 3 | 2 = MODERATE |
| | PERSONAL PROTECTIVE EQUIPMENT: | C | 3 = HIGH |
| | | | 4 = EXTREME |

REVISION SUMMARY:
 Revised 15 October 2008 for GHS purposes, Supersedes document from 15 April 2008. LB

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 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.