

## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTITY: Blue Wonder™ Gun Blue & Gun Black  
DISTRIBUTOR NAME: Novum Solutions, Inc.  
DISTRIBUTOR ADDRESS: 1585 W. Sam Houston Parkway N., Suite 200  
DISTRIBUTOR CITY: Houston, TX 77043  
DISTRIBUTOR PHONE: 1-832-200-8005  
CHEMTREC PHONE: 1-800-424-9300

### SECTION 2. INGREDIENT & REGULATORY INFORMATION

CONTAINS: 0.3- 1% Selenious Acid (7783-00-8)  
0.3- 1% Phosphoric Acid (7664-38-2)  
Contains traces of:  
Chromium, Copper, Nickel, Carbon, Nitrogen, Sulfur, Silver, and Gold.

### SECTION 3. HAZARDS IDENTIFICATION

#### RISK STATEMENTS:

R25: Toxic if swallowed.  
R36/38: Irritating to eyes and skin.  
R40: Possible risk of irreversible effects.

#### SAFETY STATEMENTS:

S1/2: Keep locked up and out of the reach of children.  
S24/25: Avoid contact with skin and eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.  
S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

### SECTION 4. FIRST AID MEASURES & PROCEDURES

#### EYE CONTACT:

Flush eyes with large amounts of water for at least 15 minutes, lifting eye lids to ensure complete flushing of surface. Get medical attention if irritation develops & persists.

#### SKIN CONTACT:

Flush skin with soap & large amounts of water for at least 15 minutes, while removing contaminated clothing. If irritation develops & persists, get medical attention. Launder contaminated clothing before reuse.

#### INHALATION:

Remove victim to fresh air. If breathing stops, give artificial respiration. If breathing is labored, have qualified personnel give oxygen. Seek immediate medical attention.

#### SECTION 4. (Continued) FIRST AID MEASURES & PROCEDURES

##### SWALLOWING:

Do NOT induce vomiting. Get immediate medical attention or contact poison control center. If unconscious check vital signs and provide artificial respiration and CPR as needed. Never induce vomiting or give anything by mouth to an unconscious or convulsing person.

#### SECTION 5. FIRE FIGHTING MEASURES

##### EXTINGUISHING MEDIA:

Use a appropriate extinguishing media for surrounding fire, such as: water fog or spray, foam, dry powder, carbon dioxide (CO<sub>2</sub>).

##### SPECIAL FIRE FIGHTING PROCEDURES:

Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on downwind side. Do not enter fire area without full bunker equipment, including NIOSH Approved Positive Pressure Breathing Equipment.

##### UNUSUAL EXPLOSION AND FIRE PROCEDURES:

Containers may rupture from internal pressure if confined to fire area. Cool with water. Get nonessential persons out of area.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### SPILL OR LEAK PROCEDURES:

If trained in accordance to 29 CFR 1910.120 sequester spill, mop up and return to container. Neutralize residual with lime. Sweep up and dispose of in an environmentally acceptable manner. Keep from sewers, & natural waterways.

#### SECTION 7. HANDLING AND STORAGE

##### HANDLING:

Handle and move only tightly sealed containers. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Wash well before eating, smoking, or using toilet facilities.

##### STORAGE:

Store with other weak acids in a cool ventilated dry area. Keep container closed when not in use.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### EXPOSURE CONTROLS:

Normally not required.

##### VENTILATION:

None normally needed.

SECTION 8. (Continued) EXPOSURE CONTROLS/PERSONAL PROTECTION

## PERSONAL PROTECTIONS:

Avoid contact with eyes. Wear safety glasses or goggles as necessary.  
 Avoid prolonged or repeated contact with skin. Wear acid resistant gloves & other clothing as required to prevent contact. Wear work clothes with long sleeves, clean every shift. For good hygiene a shower at the end of every shift is recommended. Wash well before eating, smoking, or using toilet facilities.

## SECTION 9. PHYSICAL DATA

APPEARANCE:	Black Liquid
ODOR:	Sour plastic odor
BOILING RANGE: (Initial Boiling Point):	100°C / 212°F
LOWER FLAMMABLE LIMIT IN AIR (%by vol):	None
FLASH POINT (TEST METHOD):	None
FLAMMABILITY CLASSIFICATION:	Noncombustible
GRAVITY @ 60F:	
SPECIFIC GRAVITY (Water=1) :	1.01 - 1.03
POUNDS/GALLON :	8.43 - 8.60
VOC'S (VAPOR PRESSURE >0.44 Lbs/ Sq In)(Lbs/Gal)	0.0
TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC) (g/L)	0.0
NONEXEMPT VOLATILE COMPOUNDS (CVOC)	0.0
VAPOR PRESSURE (mm of Hg) @ 20 C:	17 (water)
VAPOR DENSITY (air = 1):	0.6 (water)
WATER Solubility:	Complete
%VOLATILE BY VOL:	94 - 98%
pH:	2

SECTION 10. REACTIVITY DATA

## STABILITY:

Stable under normal conditions.

## CONDITIONS TO AVOID:

Contact with incompatible materials.

## MATERIALS TO AVOID:

Isolate from strong oxidizers, reactive metals, strong acids.

## HAZARDOUS DECOMPOSITION PRODUCT:

Contact with strong acids may liberate toxic hydrogen selenide.  
 Combustion will produce oxides of carbon, nitrogen, sulfur, selenium, phosphorus, chromium, copper, and nickel.

## HAZARDOUS POLYMERIZATION:

Cannot occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS#	TWA + (OSHA)	TLV (ACGIH)	HAP
Selenious Acid	7783-00-8	0.2 mg/m3	0.2 mg/m3	No
Phosphoric Acid	7664-38-2	1.0 mg/m3	1.0 mg/m3	No

  

MATERIAL	CAS#	CEILING	STEL (OSHA/ACGIH)
Phosphoric Acid	7664-38-2	None known	3 mg

## ACUTE HAZARDS

## EYE &amp; SKIN CONTACT:

Moderately corrosive to body tissues. Causes burning or itching of skin, rash, ulceration and dermatitis. Avoid contact with eyes, skin, & clothing.

## INHALATION:

Not considered hazardous by inhalation.

## SWALLOWING:

Toxic. May cause irritation to gastrointestinal tract.

## CHRONIC HAZARDS / CONDITIONS AGGREGATED

None known.

## CHRONIC HAZARDS:

Prolonged and repeated contact may result in tissue damage similar to that described in acute effects.

## CONDITIONS AGGREGATED:

Any existing pathology of tissues with which this material comes in contact. Persons with existing skin disorders should avoid use.

## CARCINOGENIC, MUTAGENIC &amp; REPRODUCTIVE EFFECTS:

Nickel and Chromium have been mentioned in cancer investigations as possible human carcinogens.

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN TOXICITY TEST DATA: No information available.

## MARINE TOXICITY TEST DATA:

Fish Toxicity:	7 mg/liter
Ready Bio-degradability: Modified OECD :	No information

SECTION 13. DISPOSAL CONSIDERATIONS:

Neutralize with alkali to precipitate metal ions and adjust pH. Since this product contains a metalized complex it should be considered an EPA priority pollutant and should be disposed of in accordance with all applicable regulations. All notification, clean-up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in a federal/state approved facility.

SECTION 14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: (containers of less than 1000 pounds): None  
 BULK: RQ, Environmental hazardous liquids, n.o. s.  
 (Phosphoric Acid, Selenious Acid),  
 9,UN3082,PG-III

DOT HAZARD CLASS: Class 9 (9) (When in containers of > 1000 pounds)

SUBSIDIARY HAZARD: None

ER GUIDE BOOK NUMBER: 171

IMOG PROPER SHIPPING NAME: (containers of less than 1000 pounds): None  
 BULK: RQ, Environmental hazardous liquids, n.o. s.  
 (Phosphoric Acid, Selenious Acid),  
 9,UN3082,PG-III

IATA PROPER SHIPPING NAME: (containers of less than 1000 pounds): None  
 BULK: RQ, Environmental hazardous liquids, n.o. s.  
 (Phosphoric Acid, Selenious Acid),  
 9,UN3082,PG-III

TDG PROPER SHIPPING NAME: (containers of less than 1000 pounds): None  
 BULK: RQ, Environmental hazardous liquids, n.o. s.  
 (Phosphoric Acid, Selenious Acid),  
 9,UN3082,PG-III

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS (ENVIRONMENTAL PROTECTION AGENCY)

SARA TITLE III SECTION 313:

SARA Title III Section 313 Supplier Notification:

This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied & distributed for this material.

SARA 313 REGULATED:

Selenious Acid: RQ = 10 pounds, Phosphoric Acid: RQ = 5000 pounds

IF > 1000 POUNDS OF THIS PRODUCT IS IN ONE CONTAINER THE "RQ" OF SELENIOS ACID IS EXCEEDED.

Any release equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State & local regulations may be more restrictive than federal regulations.

CAA 109: None

CERCLA, TSCA: All components of this product are on the TSCA List.

EPA SARA 304: None. EPA

SARA 311: Acute Health: Yes, Chronic Health: Yes, Fire: No  
 Sudden Release of Pressure: No, Reactive: No

SECTION 15. (Continued) REGULATORY INFORMATION

## STATE REGULATIONS: CALIFORNIA PROPOSITION 65:

This product contains the following chemical known to the State of California to cause cancer or reproductive damage: Nickel, Chromium.

## INTERNATIONAL REGULATIONS:

The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

## HAZARD RATINGS:

	NFPA	HMIS
HEALTH	2	2
FLAMMABILITY	0	0
REACTIVITY	0	0
OTHER		x

This information is intended solely for the use of individuals trained in the NFPA and HMIS systems.

## TRAINING REQUIREMENTS:

All personnel who handle this material must read this Material Safety Data Sheet and the label on the container. They must be familiar with the hazards of this or any material they handle to prevent injury.

**NOTICE**

The supplier disclaims all expressed or implied warranties of fitness or merchantability for a specific use, with respect to the product, or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.