

DISTRIBUTOR NAME: Novum Solutions, Inc.  
PRODUCT IDENTITY: Blue Wonder™ Gun Cleaner

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MATERIAL SAFETY DATA SHEET

APPROVED BY U S LABOR DEPT, ESSENTIALLY SIMILAR TO FORM OSHA 174  
IMPORTANT: Read this MSDS before handling & disposing of this product.  
Pass this information to employees, customers & users of this product.

SECTION I. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTITY: Blue Wonder™ Gun Cleaner  
DISTRIBUTOR NAME: Novum Solutions, Inc.  
DISTRIBUTOR ADDRESS: 1585 W. Sam Houston Parkway N., Suite 200  
DISTRIBUTOR CITY: Houston, TX 77043  
DISTRIBUTOR PHONE: 1-713-464-1832  
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. INGREDIENT & REGULATORY INFORMATION

CONTAINS: 90 - 95% Water (7732-18-5)  
5 - 10% Pine Oil (8002-09-3)  
1 - 2% Isopropanol (67-63-0)  
0 - 1% Ammonia (1336-21-6)

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:

R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS:

S25 Avoid contact with eyes.

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#### SECTION 4. FIRST AID MEASURES & PROCEDURES

##### EYE CONTACT:

Flush eyes with large amounts of water for at least 15 minutes, lifting eyelids 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.

##### SWALLOWING:

If conscious, induce vomiting by having victim stick finger into throat. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious or convulsing person.

#### SECTION 5. FIRE FIGHTING MEASURES

##### EXTINGUISHING MEDIA:

Use appropriate extinguishing media for surrounding fire such as: water fog or spray, foam, dry powder, carbon dioxide (CO2).

##### 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.

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#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### SPILL OR LEAK PROCEDURES:

Mop up and return to container. Dispose of in an environmentally acceptable manner.  
Keep from sewers, & natural waterways.

#### SECTION 7. HANDLING AND STORAGE

##### HANDLING:

Keep away from heat, sparks and open flame. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, or on clothing. Wash after handling.

##### STORAGE:

Keep container closed when not in use.

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

##### EXPOSURE CONTROLS:

Use NIOSH Approved respiratory equipment if concentration of vapors are above TLV.

##### VENTILATION:

Local and general exhaust is recommended.

##### PERSONAL PROTECTIONS:

Avoid contact with eyes. Wear safety glasses or goggles as necessary. Avoid prolonged or repeated contact with skin. Wear chemically resistant gloves & other clothing as required to prevent contact. Wash before eating, smoking, or using toilet facilities.

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SECTION 9. PHYSICAL DATA

APPEARANCE:	Light Green Liquid / Gel
ODOR:	Pleasant odor
BOILING RANGE: (Initial Boiling Point):	100°C / 212°F
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not available
FLASH POINT (TEST METHOD):	> 60°C / > 141°F
FLAMMABILITY CLASSIFICATION:	Class III-A
GRAVITY @ 60 F:	
SPECIFIC GRAVITY (Water=1) :	0.98 - 1.02
POUNDS/GALLON :	8.18 - 8.51
VOC'S (VAPOR PRESSURE >0.44 Lbs/Sq In)(Lbs/Gal) :	0.25
TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC) (g/L) :	90.0
NONEXEMPT VOLATILE COMPOUNDS (CVOC) :	90.0
HAZARDOUS AIR POLLUTANTS (HAPS %) :	0.0
VAPOR PRESSURE (mm of Hg) @ 20 C:	17
VAPOR DENSITY (air = 1):	0.6
WATER ABSORPTION :	Complete
% VOLATILE BY VOL :	> 99
NEUTRALITY (pH) :	8 - 10

SECTION 10. REACTIVITY DATA

STABILITY:  
Stable.

CONDITIONS TO AVOID:  
Contact with incompatible materials.

MATERIALS TO AVOID:  
Isolate from strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION PRODUCT:  
Combustion will produce oxides of carbon, nitrogen.

HAZARDOUS POLYMERIZATION:  
Cannot occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS#	TWA + (OSHA)	TLV (ACGIH)	HAP
Pine Oil	8002-09-3	None known	None known	No
Isopropanol	67-63-0	400 ppm	400 ppm	No
Ammonia	1336-21-6	25 ppm	25 ppm	Yes

MATERIAL	CAS#	CEILING	STEL (OSHA/ACGIH)
Ammonia	1336-21-6	None known	35 ppm
Isopropanol	67-63-0	None known	500 ppm

ACUTE HAZARDS

EYE & SKIN CONTACT:

Irritating to eyes and skin. Avoid contact with eyes, skin, & clothing.

INHALATION:

Irritating to respiratory tract. Avoid breathing vapor or spray mist.

SWALLOWING:

May cause irritation to gastrointestinal tract. Do not take internally.

CHRONIC HAZARDS / CONDITIONS AGGREGATED

CONDITIONS AGGREGATED:

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

CHRONIC HAZARDS:

None known.

CARCINOGENIC, MUTAGENIC & REPRODUCTIVE EFFECTS:

None known.

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#### SECTION 12. ECOLOGICAL INFORMATION

##### MAMMALIAN TOXICITY TEST DATA:

No information available.

##### MARINE TOXICITY TEST DATA:

Fish toxicity : No information  
Ready Biodegradability : Modified OECD : No information

#### SECTION 13. DISPOSAL CONSIDERATIONS

Preferred methods of waste disposal are incineration or biological treatment in a federal/state approved facility

Hazardous waste (40 CFR 261): No.

#### SECTION 14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: None  
DOT HAZARD CLASS: None  
SUBSIDIARY HAZARD: None  
ER GUIDEBOOK NUMBER: None  
IMOG PROPER SHIPPING NAME: None  
IATA PROPER SHIPPING NAME: None  
TDG PROPER SHIPPING NAME: None

#### 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 does not contain 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: None

CAA 109: None

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

EPA SARA 304: None.

EPA SARA 311: Acute Health.

##### STATE REGULATIONS:

###### CALIFORNIA PROPOSITION 65:

This product does not contain chemicals known to the State of California to cause cancer or reproductive damage.

##### 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.

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SECTION 16. OTHER INFORMATION

HAZARD RATINGS: HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 1, REACTIVITY: 0

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.

MSDS Prepared by:

Chemical Data Services / PO Box 6464 / Chicago, IL 60680 / 312-326-6162  
Unless updated, this Material Safety Data Sheet is valid until 02/21/2008.