

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

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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™ Developer
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: 20 - 45% Heavy Paraffinic Hydrotreated Distillate (64742-54-7)
20 - 45% Solvent-Dewaxed Heavy Paraffinic Distillate (64742-65-0)
15 - 20% Severely Hydrogenated Mineral Oil (72623-86-0)
4 - 8% Polydimethylsiloxane (9016-00-6)
3 - 5% Base Lubricating Oils (Mixture)
2 - 4% Mineral Spirits (8052-41-3)
2 - 4% Antiwear Additive (Trade Secret)
0 - 2% Naphthenic Hydrocarbons (64742-52-5)
0 - 2% o-Dichlorobenzene (95-50-1)
0 - 1% Pour Point Depressant (Mixture)
0 - 1% Antifoam Additive (Mixture)
0 - 1% Detergent/Inhibitor System (Mixture)
0 - 1% Viscosity Index Improver (Mixture)

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:

R45: May cause cancer.

SAFETY STATEMENTS:

S53: Avoid exposure - Obtain special instructions before use.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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SECTION 4. FIRST AID MEASURES & PROCEDURES

EYE CONTACT:

Flush eyes with large amounts of water, lifting eyelids to ensure complete flushing of surface, and continue until irritation subsides. If material is hot, treat for thermal burns and seek immediate medical attention.

SKIN CONTACT:

No treatment is necessary under ordinary circumstances. Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately. Launder contaminated clothing before reuse.

INHALATION:

Remove to fresh air. If breathing has stopped give CPR. If breathing is difficult, have experience personnel administer oxygen. Seek immediate medical attention.

SWALLOWING:

Do not induce vomiting. No treatment is necessary under ordinary circumstances. If victim exhibits signs of lung aspiration such as coughing or choking, seek immediate medical assistance. Never give anything by mouth to an unconscious or convulsing person.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use extinguishing media 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

PERSONNEL SAFEGUARDS:

Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire Fighting Measures in Section 5, and Reactivity Data in Section 10.

REGULATORY NOTIFICATION:

Notify appropriate authorities of spill.

SPILL OR LEAK PROCEDURES:

Clean up spill immediately. Do not allow spill to enter sewers or watercourses. Absorb with appropriate inert material such as sand, clay, etc. Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

SECTION 7. HANDLING AND STORAGE

HANDLING:

Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106. Keep away from heat and open flame. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, or on clothing. Wash after handling.

STORAGE:

Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. 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:	Tan Liquid
ODOR:	Mild odor
BOILING RANGE: (Initial Boiling Point):	160°C / 320°F
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	0.9
FLASH POINT (TEST METHOD):	> 45°C / > 113°F
FLAMMABILITY CLASSIFICATION:	Class II
GRAVITY @ 60 F:	
SPECIFIC GRAVITY (Water=1) :	0.90 - 1.00
POUNDS/GALLON :	7.51 - 8.34
VOC'S (VAPOR PRESSURE >0.44 Lbs/Sq In)(Lbs/Gal) :	0.0
TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC) (g/L) :	60.0
NONEXEMPT VOLATILE COMPOUNDS (CVOC) :	60.0
VAPOR PRESSURE (mm of Hg) @ 20 C:	1
VAPOR DENSITY (air = 1):	4.5
WATER ABSORPTION :	Complete
% VOLATILE BY VOL :	6

SECTION 10. REACTIVITY DATA

STABILITY:

Stable under normal conditions.

CONDITIONS TO AVOID:

Heat, sparks, and open flame. Contact with incompatible materials.

MATERIALS TO AVOID:

Isolate from strong oxidizers.

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
Heavy Paraffinic				
Hydrotreated Distillate	64742-54-7	None known	None known	No
Solvent-Dewaxed Heavy Paraffinic Distillate	64742-65-0	None known	None known	No
Severely Hydrogenated Mineral Oil	72623-86-0	None known	None known	No
Polydimethylsiloxane	9016-00-6	None known	None known	No
Base Lubricating Oils	Mixture	None known	None known	No
Mineral Spirits	8052-41-3	100 ppm	100 ppm	No
Antiwear Additive	Trade Secret	None known	None known	No
Naphthenic Hydrocarbons	64742-52-5	5 mg/m3	5 mg/m3	No
Pour Point Depressant	Mixture	None known	None known	No
Antifoam Additive	Mixture	None known	None known	No
Detergent/Inhibitor System	Mixture	None known	None known	No
Viscosity Index Improver	Mixture	None known	None known	No

MATERIAL	CAS#	CEILING	STEL (OSHA/ACGIH)	
o-Dichlorobenzene	95-50-1	None known	35 ppm	No

ACUTE HAZARDS

EYE & SKIN CONTACT:

Severely irritating to eyes. Prolonged or repeated contact with skin can cause moderate irritation, defatting or dermatitis. Avoid contact with eyes, skin, & clothing.

INHALATION:

Irritating to respiratory tract. May cause dizziness, weakness, fatigue, nausea, and headache. Avoid breathing vapor or spray mist.

SWALLOWING:

May cause irritation to gastrointestinal tract, including nausea, vomiting and diarrhea. Aspiration into lungs can cause pneumonitis which can be fatal. Do not take internally.

CHRONIC HAZARDS / CONDITIONS AGGREGATED

CHRONIC HAZARDS:

Based on testing of similar products and/or components. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. Prolonged or repeated contact may result in oil acne which is characterized by blackheads with possible secondary infection.

CONDITIONS AGGREGATED:

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

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SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

CHRONIC HAZARDS / CONDITIONS AGGREGATED (CONTINUED)

CARCINOGENIC, MUTAGENIC & REPRODUCTIVE EFFECTS:

Continuous long term contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged skin contact with used lubricating oils. The International Agency for Research on Cancer (ARC) has concluded that highly refined mineral oils are Group 3 substances, "not classifiable as to their carcinogenicity to humans", based on inadequate human and inadequate animal evidence.

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

REGULATORY INFORMATION:

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Caution! If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

WASTE DISPOSAL METHODS:

Waste material may be landfilled or incinerated at an approved facility. Materials should be recycled if possible.

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

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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, Chronic Health

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

This product contains the following chemicals known to the State of California to cause cancer or reproductive damage: petroleum oils.

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	FLAMMABILITY	REACTIVITY	OTHER
NFPA	1	1	0	
HMIS	1	1	0	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.

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.