

Product Code:       MSDS042  
Product Name:       SPECTRA SYSTEM 4 MAINTAINER PLUS 411  
                      ITEM CODE:400411

24-hour Emergency Phone:                               (800) 535-5053

HMIS CODES H F R P  
              1 0 0 X

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**DISTRIBUTED BY:**  
                                  DAYCON PRODUCTS COMPANY, INC.  
                                  16001 TRADE ZONE AVE.  
                                  UPPER MARLBORO, MD 20774

**2. HAZARDS IDENTIFICATION**

Warning. Does not have a significant risk, provided, that the proper use, handling and storage precautions are exercised. Causes skin and Eye Irritation. CAUTION: May affect the Central Nervous System (CNS), causing dizziness, headache, or nausea. May be harmful if inhaled.



**Hazard Category: Skin Cat. 2**  
**Eye Cat 2B**

**Potential Health Effects**

**EYE:**  
    Eye irritant.

**SKIN:**

Although this material is not a skin irritant, submersion of unprotected skin in highly concentrated solutions for prolonged periods could cause skin dehydration. May cause irritation.

**INGESTION:**

May cause nausea, vomiting and stomach irritation. Very low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

**INHALATION:**

Prolonged inhalation may result in respiratory irritation. None Known. Inhalation of vapors and mist of the product may be irritating to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and loss of motor skills.

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

**REPRODUCTION INFORMATION:**

Does not harm reproductive cells.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component/Exposure Limits	CAS#	% by Wt.
Modified Polyethylene Glycol	42617-82-3	Not Regulated
Dipropylene Glycol Monomethyl Ether	34590-94-8	Not Regulated
ACGIH TWA: 100 ppm, STEL: 150 ppm		
NIOSH REL: 100 ppm, 600 mg/m3		
NIOSH STEL: 150 ppm, 900 mg/m3		
OSHA Z1 PEL: 100 ppm, 600 mg/m3		
Nonionic Surfactant Blend	Proprietary	Not Regulated

**4. FIRST AID MEASURES**

**EYES:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

**SKIN:**

Wash with soap and water. Immediately flush skin with water while removing contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse and discard contaminated shoes.

**INGESTION:**

If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIANS:**

NO INFORMATION AVAILABLE.

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## 5. FIRE FIGHTING MEASURES

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### FLAMMABLE PROPERTIES:

**FLASH POINT: N/A**                               **Method: N/A**  
Greater than 200F. Not flammable.

### FLAMMABLE LIMITS:

**Lower flammable limit: N/A**  
**Upper flammable limit: N/A**

### AUTOIGNITION TEMPERATURE:

Not Applicable.

### HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

### EXTINGUISHING MEDIA:

Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

### FIREFIGHTING INSTRUCTIONS:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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## 6. ACCIDENTAL RELEASE MEASURES

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### SMALL SPILL:

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

### LARGE SPILL:

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

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## 7. HANDLING AND STORAGE

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### HANDLING:

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

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**STORAGE:**

Keep containers covered.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:**

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

**RESPIRATORY PROTECTION:**

None Normally Needed. If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

**SKIN PROTECTION:**

Impervious Such As Neoprene or nitrile.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT:** 370.9 F  
**MELTING POINT:** Not applicable.  
**VAPOR PRESSURE:** NO INFORMATION AVAILABLE.  
**VAPOR DENSITY:** (Air=1): >1  
**SOLUBILITY IN WATER:** Soluble  
**SPECIFIC GRAVITY:** 1.044  
**pH:** 2.0-3.5  
**ODOR:** Peppermint.  
**APPEARANCE:** Clear pink liquid.

**10. STABILITY AND REACTIVITY****CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

None known. Strong oxidizing agents.

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**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, and sulfur may be emitted if product burns.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**EYE:**

NO INFORMATION AVAILABLE.

**SKIN:**

NO INFORMATION AVAILABLE.

**INGESTION:**

NO INFORMATION AVAILABLE.

**INHALATION:**

NO INFORMATION AVAILABLE.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.

**MUTAGENICITY:**

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**12. ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:**

NO INFORMATION AVAILABLE.

**CHEMICAL FATE INFORMATION:**

NO INFORMATION AVAILABLE.

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**13. DISPOSAL CONSIDERATIONS**

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.

Dispose empty containers in accordance with applicable regulations.

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**14. TRANSPORT INFORMATION (Not meant to be all inclusive)**

Not regulated.

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**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent****U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200 There is no calculable reportable quantity for this product.

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Not regulated.

**SECTION 313:**

Reported as "Glycol Ethers"

**INTERNATIONAL REGULATIONS:****CANADIAN WHMIS:**

NO INFORMATION AVAILABLE.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

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NO INFORMATION AVAILABLE.

**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

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**16. OTHER INFORMATION**

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**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of Daycon Products Company, Inc., therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.