

Product Code: MSDS056
Product Name: SPECTRA 2
 ITEM CODE: 160664

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

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:

DAYCON PRODUCTS COMPANY, INC.
16001 TRADE ZONE AVE.
UPPER MARLBORO, MD 20774

2. HAZARDS IDENTIFICATION

DANGER. Corrosive. Causes severe skin burns and eye damage. May cause severe eye irritation. Corrosive to digestive tract. If ingested, it may cause diarrhea, nausea, cramps, vomiting, and gastrointestinal irritation and burns to mouth, oesophagus, and stomach. Generally considered a non-irritant, does not have a significant risk, provided, that the proper use, handling and storage precautions are exercised. While this material has a low level of toxicity, good industrial hygiene practices are encouraged to minimize exposure.

Potential Health Effects



EYE:

Corrosive. Strong irritant.

SKIN:

May cause irritation and/or severe burns.

INGESTION:

Ingestion may lead to drunkenness, dizziness, and in severe cases alcohol poisoning. Due to the high pH of the product, if swallowed, it may cause burns of the mucous membranes of the gastrointestinal tract.

INHALATION:

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected

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.
Sodium metasilicate	6834-92-0	Not Regulated
Tetrapotassium Pyrophosphate	7320-34-5	Not Regulated
OSHA PEL: for particulates 15 mg/m3 total dust		
5 mg/m3 respirable fraction		
OSHA TLV-TWA -for particulates 10 mg/m3 inhalable fraction		
3 mg/m3 for respirable fraction		
Sodium Xylene Sulfonate	1300-72-7	Not Regulated
Cocoamidopropyl hydroxysultaine	68139-30-0	Not Regulated
Isopropyl alcohol	67-63-0	Not Regulated
OSHA PEL: 400 ppm; 980 mg/m3		
OSHA STEL: 500 ppm; 1225 mg/m3		
ACGIH TWA: 200 ppm		
ACGIH STEL: 400 ppm		

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:

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:

Alcohol causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential

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for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A **Method:** N/A
Not flammable. Aqueous solution.

FLAMMABLE LIMITS:

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

AUTOIGNITION TEMPERATURE:

Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

EXTINGUISHING MEDIA:

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

FIREFIGHTING INSTRUCTIONS:

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

6. ACCIDENTAL RELEASE MEASURES

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 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.

7. HANDLING AND STORAGE

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

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thoroughly with soap and water. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

STORAGE:

Keep containers covered. Take the usual chemicals handling precautions. Avoid contact with eyes, skin and clothing. Wear appropriate protective equipment. Wash thoroughly after handling. Do not take internally. Keep out of reach of children. Do not contaminate food or water by storage or disposal. Keep containers closed when not in use. Store in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

When used as directed, no engineering controls are necessary. If used in a confined space and excess material is used, a source of ventilation may be required.

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: 100 C
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.064
pH: 12.5-13.8
ODOR: None.
APPEARANCE: Clear red liquid.

10. STABILITY AND REACTIVITY

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CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

INCOMPATIBILITY:

Strong oxidizing agents. Keep away from heat, sparks, or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS:

After all water has evaporated, combustion of the residue may produce carbon dioxide or monoxides and nitrogen compounds. Oxides of carbon, and sulfur may be emitted if product burns.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

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:

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Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Highly mobile in soil.

CHEMICAL FATE INFORMATION:

Readily biodegradable.

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.

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

NOT REGULATED. ALCOHOL CONTENT LESS THAN 20% IN WATER.

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

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

NO INFORMATION AVAILABLE.

SECTION 313:

This product does not contain any components that is at or exceed the "de minimis" reporting level requirements established by SARA Title III, Section 313 and 40 CFR 372.

INTERNATIONAL REGULATIONS:

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CANADIAN WHMIS:

No Information Available.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

No Information Available.

EINECS:

No information available.

STATE REGULATIONS:

No Information Available.

VOLATILE ORGANIC COMPOUNDS:

No Information Available.

16. OTHER INFORMATION

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.