

Product Code: MSDS373
Product Name: SPECTRA SYSTEM 4 VIBRANCE 407
 ITEM CODES: 400407



Green Seal Certification Statement: This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. Acute toxicity met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.

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

Although the Organic acid salt used in this product is corrosive to the eyes in it's concentrated form, it is not corrosive at the concentration used in the Vibrance formulations. The product may be a mild skin irritant. The product may be harmful if ingested. The product is not expected to present an inhalation hazard under ambient conditions. Breathing in a mist may be irritating.

Hazard Classification: Not Classified as Hazardous.

Potential Health Effects

EYE:

Moderately irritating.

SKIN:

Non-irritating to the skin.

INGESTION:

May be harmful or fatal if swallowed.

INHALATION:

Prolonged inhalation may result in respiratory irritation.

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.

Organic Acid Salt	506-89-8	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.

INGESTION:

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave the individual unattended.

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.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A **Method:** N/A
 Greater than 200F.

FLAMMABLE LIMITS:

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

AUTOIGNITION TEMPERATURE:

Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

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Oxides of carbon, nitrogen and sulfur, and hydrogen chloride.

EXTINGUISHING MEDIA:

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

FIREFIGHTING INSTRUCTIONS:

Wear full protective clothing, including self-contained positive pressure or pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel.

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 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.

7. HANDLING AND STORAGE

HANDLING:

Containers of this material may be hazardous when empty.

STORAGE:

Keep containers covered. Avoid eye and prolonged skin contact. Do not store near heat, sparks, flame or strong oxidants. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices.

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:

If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering

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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: N/A
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: NO INFORMATION AVAILABLE.
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.05
pH(as is): Less than 2 pH (1:26): <2.5
ODOR: Detergent. No Fragrance added.
APPEARANCE: Clear red liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

INCOMPATIBILITY:

Oxidizers, acids, alkalis, lime, ammonia, organic amides, chlorates, chlorine, sodium hydroxide.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen. Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids, and ketones.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE:

NO INFORMATION AVAILABLE.

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SKIN:

NO INFORMATION AVAILABLE.

INGESTION:

NO INFORMATION AVAILABLE.

INHALATION:

NO INFORMATION AVAILABLE.

SUBCHRONIC:

NO INFORMATION AVAILABLE.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

NO INFORMATION AVAILABLE.

CHEMICAL FATE INFORMATION:

Not classified as a marine pollutant.

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)

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Not regulated for ground transportation.

15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent

U.S. FEDERAL REGULATIONS:

OSHA 29 CFR 1910.1200

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

NO INFORMATION AVAILABLE.

SECTION 313:

Not Regulated.

INTERNATIONAL REGULATIONS:

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

MSDS Status:

Compliant with OSHA's new GHS safety data sheet.

Information in this Safety Data Sheet 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

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Safety Data Sheet. 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.