

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: HELIOTROPINE

Company: THE JOHN D. WALSH CO., INC.
25 EXECUTIVE PKWY.
RINGWOOD, NJ 07456

Emergency Response: 24 HOUR EMERGENCY NUMBER
CHEMTREC (800) 424-9300

Section 2: Hazards Identification

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GHS07

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Hazard Pictograms:



Signal Word: Warning

Hazard Category: Skin corrosion/irritation Cat 2
Sensitization, skin Cat 1

Hazard Statements: H315: Causes skin irritation
H317: May cause an allergic skin reaction

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P272: Contaminated work clothing should not be allowed out of the workplace
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+352: IF ON SKIN: Wash with soap and water
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+313: If skin irritation occurs: Get medical advice/attention
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P362: Take off contaminated clothing and wash before reuse
P501 - Dispose in a safe manner in accordance with local/national regulations

Section 3: Composition / Information on Ingredients

SUBSTANCE	CAS#	Weight %
HELIOTROPINE	120-57-0	100

Section 4: First Aid Measures

Notable Exposure symptoms: Tingling/irritation of skin, irritation of eye tissue.

If ingested: Rinse mouth. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Ingestion of large quantities: seek immediate medical attention

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

Additional Info: Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire Fighting Measures

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Decomposition Info: Constituents associated with burning / CO and CO₂ formed, Reacts with strong oxidizers. Reacts with organic material. Risk of spontaneous ignition.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Prevent dust cloud formation, e.g. wetting.

Containment Equipment and Procedures: Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Thoroughly clean surface to remove residual contamination.

Cleanup Procedures: Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Precautions: Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Skin Protection: Wear solvent resistant gloves.

Respiratory Protection: Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Additional Information: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

Section 9: Physical and Chemical Properties

State: Solid	Melting Point: 35c	Freezing Point: Not avail
Color: Colorless to white	Boiling Point/Range: 263c	pH: Not avail
Sp Grav: Not avail	Odor: Floral	Water Solubility: Insoluble
Evaporation rate: Not avail	Flash Point: >200f	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: 1.3 hPa(87c)
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: Not avail

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Avoid exposure to light.

Incompatible materials: Strong acids, strong bases

Decomposition products: No decomposition products known.

Section 11: Toxicological Information

Toxicological Information (contained substances)

Substance (name)	LD50 Oral	LD50 Dermal
HELIOTROPINE	2700mg/kg (Rat)	>5000mg/kg (Rat)

Carcinogenicity or mutagenicity: No data available

Sensitization: No data available

Section 12: Ecological Information

Degradation / Mobility info: Biodegradable in water, soil. Photodegradation in the air.

Bioaccumulative potential: Low potential for bioaccumulation

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

Container disposal: Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

Section 14: Transport Information

DOT GROUND NON NOT REGULATED

BULK:

IMO/IMDG: NOT REGULATED

IATA: NOT REGULATED

Section 15: Regulatory Information

TSCA: NOT LISTED

CERCLA RQ: NOT LISTED

SARA 311/312: NOT LISTED

SARA 313 NOT LISTED

**California Prop 65 NOT LISTED
Substances:**

Canadian DSL: NOT LISTED

Section 16: Other Information

Version Date: 5/12/2016

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