



Log wood extract

Product Identification

Product name	Log wood extract
Product Code (Distributor)	PS-NA0035
Chemical Family	Monoazo dye
Product Use	Powdered Acid Brown Colorant
CAS Number:	5850-16-8
HMIS ratings	health: 1 fire: 1 reactivity: 0 personal protection: F
C.I. Name	Acid Brown 14
C.I. Number	20195

Emergency information

24 HOUR EMERGENCY NUMBER	in U.S. Call CHEMTEL 1-800-255-3924 Outside U.S. call CHEMTEL Collect at: 1-813-248-0585
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Hazard Identification

Emergency Overview	Unprotected contact may cause eye, respiratory, skin irritation
eye contact	Depending on duration and individual sensitivity, unprotected contact may cause moderate eye irritation, pain, redness, stinging sensation, swelling, watering, inflammation, itching, burning feeling and other effects. Heavy or prolonged contact may cause eye injury. Heated processing of liquids that creates mists or vapors may intensify effects. Follow all supervisor and Personal Protection instructions
skin contact	Depending on degree of unprotected contact with product and individual sensitivity, may cause mild irritation to skin, redness, rash, itching, and other effects. Constant/repeated long-term contact with some powdered products may cause abrasion of skin or increase other effects. Some liquid components may be absorbed through unprotected skin causing or adding to effects
inhalation	May irritate. Long-term, excessive or repeated inhalation of dusts, vapors, mists or aerosols may cause increased irritation to the nose, throat and lungs, coughing, shortness of breath, and may injure upper respiratory tract
ingestion	Depending on amount swallowed, product can cause mild irritation of mouth, throat, esophagus, stomach, and gastrointestinal tract. Effects may include upset stomach, abdominal discomfort, nausea, vomiting, gastrointestinal disturbances, dizziness, diarrhea, or other effects. Aspiration into lungs during vomiting is an emergency and may cause lung injury and life-threatening conditions

medical conditions affected by exposure	Unprotected contact with product vapors, mists, aerosols, liquids, splashes or dusts may be cause of possible aggravation of pre-existing conditions or diseases of the respiratory system, skin, or eyes. Individuals with above-noted conditions or known or suspected chemical sensitivities or allergies should avoid working with chemicals
Skin Sensitization	Not known to cause skin sensitization. With careful handling and when good chemical hygiene procedures are followed, harmful effects are not expected. As a precaution against unforeseen or unexpected sensitivity or possible allergic reactions, follow ALL Personal Protection instructions
Respiratory Sensitization	Not known to cause respiratory sensitization. With careful handling and good chemical hygiene procedures being followed, no harmful effects are expected . As a precaution against unforeseen or unexpected sensitivity or possible allergic reactions, follow ALL Personal Protection instructions in Section 8 of this SDS. All PPE must be cleaned and maintained after each shift. All exposures should be avoided. Individuals known to be, or suspected to be sensitive to chemical exposure should not work with chemicals
Special Warnings	None for this material
Unusual Health Hazards	None for this material
Supplemental Hazard	No additional information is currently available
Notes to Physician	Treat Symptomatically based on Hazard Warnings and ingredients unless indicated otherwise
Cancer Information	Not known to contain carcinogens

OSHA hazardous ingredients

Component	CAS #	%	OSHA - PEL	ACGIH - TLV	Recommended PEL
Confidential Brown dye	Undisclosed	100	Not established	Not established	Lowest possible exposure or zero with best PPE

Important Notice

Unprotected contact with ingredients listed in this Section may be hazardous based on OSHA 29 CFR 1910.1200 & related appendices. Components not listed are trade secrets, non-hazardous, or not reportable. This SDS is not intended to offer full disclosure, but all component information is available to medical or emergency personnel. All hazards are based on contact exposure. Effects may be unpredictable and may vary from person to person due to individual reactions. Reducing or eliminating contact can reduce or eliminate risk. Use protective equipment and clothing to minimize or eliminate contact. Users are responsible for hazard determination and communication. Unless indicated otherwise, non-carcinogenic components are indicated within a 1-10% range, and investigated or potential carcinogens within a 0.1-1% range. HMIS ratings are based on data interpretation, and vary from company to company. They are intended only for quick, general identification of the degree of potential hazards. Hazards range from 0 (Minimal) up to 4 (Severe). An asterisk (*) next to health rating indicates potential chronic hazard. Consult the National Paint & Coatings Association HMIS Manual for detailed information on ratings. To handle material safely, consider all information in this SDS.

First Aid

skin contact	Wash affected area immediately with large amounts of soap and water. Remove contaminated clothing and wash before reuse. Seek immediate medical attention.
eye contact	Check for and remove any contact lenses. Immediately hold eyelids open and flush with water for at least 15 minutes. Seek immediate medical attention.
inhalation	Move victim to fresh air. If breathing has stopped, perform artificial respiration. Seek immediate medical attention

First Aid

ingestion	DO NOT induce vomiting. Rinse out mouth with water. Seek immediate medical attention
notes to physician	No additional remark

Fire Fighting Measure

Unusual hazards	None expected
Other Hazards	None known
Types of Extinguishers	CO2, dry chemical, foam, water fog or spray depending on type of fire
Fire Fighting Directions	Wear self-contained breathing equipment and fire-proof clothing. Use water spray to cool fire exposed containers if they cannot be safely moved

Accidental Release Measure

Environmental Protection	Immediately dike liquid spills with inert absorbent material (sand, "Oil Dry" or other commercially available spill absorbent) to contain and soak up liquid. Prevent material from entering floor drains, sewers, or any bodies of water. For powder spills, use sweeping compound, sawdust, or other appropriate material to contain dust. If possible, recover any uncontaminated materials to re-use
Protective equipment and clothing	Wear all proper personal protective equipment and clothing to care for spill situation. See section "personal protection" of this MSDS
Clean up	After containing liquid spill by diking and soaking up with inert absorbent material, place in labeled container to be sealed for proper and regulated disposal. Only the slightest residue should remain. Try to save uncontaminated material for reuse whenever possible. For powders, use sweeping compound to minimize dust and pick up as much product as possible. Do not allow liquids to seep into drains, sewers, lakes, rivers, etc. Check Sections 1 and 2 for dye description or type. Solvent dye residue may be cleaned by scrubbing with detergent, depending on type. Do not add water to water-soluble dyes. Dye is concentrated. This will increase amount of color to remove. All cleaning or scrubbing liquids used should be absorbed and placed in labeled containers for correct disposal. Absorbent material containing solvents may release combustible or flammable vapors and should be handled accordingly, properly labeled and disposed

Handling and Storage

handling procedures	Avoid creation of respirable dust. Avoid contact with eyes and skin. Avoid inhalation and ingestion. Use under well ventilated conditions. If airborne dust is generated, eliminate all sources of ignition that may come into contact with the dust. Wash skin thoroughly after handling and before eating or smoking. Wash with soap and water. Use good industrial hygiene practices in handling this material.
storage needs	Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed. . Keep away from ignition sources: flames, pilot lights, electrical sparks, and sparking tools. Store in a cool, dry, well-ventilated area.

Exposure Controls/Personal Protection

ventilation requirements	Local ventilation may be required during certain operations to maintain concentrations below recommended exposure limits.
protective equipment	
eye/type	Safety glasses with sideshields, faceshield, and/or goggles to protect against airborne dust.
respiratory/type	A NIOSH/OSHA approved dust respirator should be worn. Consult your supplier of personal protective equipment for additional instructions on proper usage for nuisance dust.
gloves/ type	Wear protective gloves
clothing/type	No special protective clothing is required

Physical and Chemical Properties

physical state	Brown powder
odour	Mild
% Total VOC	0
% Total Solids	100
Relative Density	Not established
Melting Point	Not established
pH	Not established
Solubility	Water soluble
Flash Point	Not applicable
Decomposition Temperature	Not established
Other Properties	No further data

Stability and Reactivity

stability	Product is expected to be stable under normal, ambient (controlled) conditions concerning heat, moisture, pressure, fire and ignition hazards, and ventilation. Contact with incompatible or reactive materials may cause hazardous reactions in some products if indicated. Check information below
hazardous polymerization	Product will not undergo polymerization
incompatibility	Strong oxidizing agents, strong mineral acids, bases
conditions to avoid	Moisture & humidity in storage. Contact with incompatibles
hazardous products of decomposition	In fire: Oxides of carbon, nitrogen and sulfur
Possible Hazard Reactions	None known

Toxicological Information

Eye Effect	
Confidential Brown dye	May be moderate irritant
Skin Effect	
Confidential Brown dye	May be mild irritant
Skin Sens	
Confidential Brown dye	No Data
Resp Sens	
Confidential Brown dye	No Data
Oral LD50	
Confidential Brown dye	3000 mg/kg (Rat)
Inh LC50	
Confidential Brown dye	> 2100 ml/m ³ 4 hr (Rat)
Mutagen	
Confidential Brown dye	No Data
Other Tox Data	
Confidential Brown dye	No Data
Other Info	
Confidential Brown dye	Long-term inhalation may injure respiratory tract

Ecological Information

AOX	
Confidential Brown dye	No Data
Aquatic Toxicity	
Confidential Brown dye	May be harmful to freshwater species and plants
BOD	
Confidential Brown dye	No Data
Biodegradability	
Confidential Brown dye	No Data
COD	
Confidential Brown dye	No Data
Ecotoxicity	
Confidential Brown dye	No Data
Sewage	
Confidential Brown dye	No Data
Other Test Data	
Confidential Brown dye	No Data
Other Info	
Confidential Brown dye	No Data

Disposal Considerations

Reuse of materials	Reclaim all uncontaminated material to reuse, recycle or otherwise rework whenever possible
Contain - Do not release	Do not release into sewers, water systems, ground systems or ecosystems without proper authorization
Disposal Methods	Incinerate, treat, or bury (landfill), after sampling and testing, at facility approved by applicable federal, state, and local authorities
Empty Containers	Empty containers may contain residue and/or vapors and should not be reused unless professionally cleaned and reconditioned. Crush if not cleaned, to prevent reuse
Applicable Regulations	See Section "regulation information" if regulated
Special Instructions	See Section "regulation information" if regulated

Transport Information

DOT Regulations (Ground)	Not regulated
IATA Regulations (Air)	Not regulated
IMDG / IMO Regulations (Water)	Not regulated

Regulation Information
Federal and State Lists
Chemical Name

Confidential Brown dye

CAS #

Undisclosed

%

100

Regulatory List

No listings known to be applicable

No listings known to be applicable.

SARA 311/312 Hazard Categories

Immediate/Acute Health Hazard

YES

Chronic/Delayed Hazard

YES

Fire Hazard

NO

Sudden Release of Pressure Hazard

NO

Reactivity Hazard

NO

global chemical registration listings

AICS (Australia)

Not all components listed

ASIA-PAC (Asia Pacific)

Components listed

DSL (Canada)

Components listed

ECL (Korea)

Components listed

EINECS (Europe)

Components listed

ENCS (Japan)

Components listed

IECSC (China)

Not all components listed

NZIoC (New Zealand)

Components listed

PICCS (Philippines)

Not all components listed

TSCA (US)

Components listed

EU Reach

all relative steps were taken to ensure REACH-Compliance

other listings

Other national or regional registrations not yet determined

Other Information

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