



SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards

1. PRODUCT IDENTIFICATION

PRODUCT NAME: **Lignin Pink Stain**

PRODUCT NUMBER: 6377

SYNONYMS: Acid Red 1

CHEMICAL FAMILY NAME: dye

CHEMICAL FORMULA: $C_{18}H_{13}N_3Na_2O_8S_2$

PRODUCT USE: For laboratory research use

U.S. MANUFACTURER/DISTRIBUTOR:

ADDRESS:

BIOQUIP PRODUCTS, INC.

2321 Gladwick Street

Rancho Dominguez, CA 92020

1-310-667-8800

BUSINESS PHONE:

WEBSITE:

www.bioquip.com

EMERGENCY PHONE:

For Chemical or Medical Emergency, 24hr, 7 days, 365

INFOTRAC (24hr) 1-800-535-5053

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2004 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

2. HAZARD(S) IDENTIFICATION

OSHA Haz Com: CFR 1910.1200 Not Classified

WHMIS 2015:

Signal Work None

Hazard Statement(s): None

Pictogram(s) or Symbol(s): None

Precautionary Statement(s): None

Supplementary Information: While this material is not classified as hazardous under OSHA, the SDS contains valuable information critical to safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION and INFORMATION ON INGREDIENTS

Substance/ Mixture: Substance

Components: Acid Red 1

Percent:

CAS Number: 3734-67-6

Molecular Weight: 509.41

Chemical Formula: $C_{18}H_{13}N_3Na_2O_8S_2$

Synonyms: Amidonaphthol Red, Azophloxine, Pontacyl, Red 2G

Color Index Number: 18050

4. FIRST-AID MEASURES

Inhalation: Move victim to fresh air. Call emergency medical service. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Keep victim warm and quiet. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Skin contact: Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Treat symptomatically and supportively. Ensure that medical personnel are aware of the materials(s) involved and take precautions to protect themselves.

Eye Contact: Move victim to fresh air. Check for and remove any contact lenses. In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Keep victim warm and quiet. Treat symptomatically and supportively. Effects of exposure to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Ingestion: If a person vomits place them in the recovery position so that vomit will not reenter the mouth and throat. Rinse mouth. Keep victim warm and quiet. Loosen tight clothing such as a collar, tie, belt or waistband. If swallowed, seek medical advice immediately and show the container or

MEASURES 4. FIRST-AID (Continued)

label. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Effects of exposure (ingestion) to substance may be delayed.

Symptoms/effects:

Acute: No data available

Delayed: No data available

Immediate medical attention: If breathing has stopped, perform artificial respiration. Use first aid treatment according to the nature of the injury. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO₂, water spray, or alcohol-resistant foam. Consult with local fire authorities before attempting large scale fire fighting operations.

Specific hazards arising from the chemical

Hazardous combustion products: These products include: Carbon oxides, Nitrogen oxides, Sulfur oxides, Metallic oxides.

Other specific hazards: Closed containers may explode from the heat of the fire.

Special precautions for fire-fighters:

None available.

Special protective equipment for fire-fighters:

Structural fire fighters' protective clothing provides limited protection in fire situations ONLY; if may not be effective in spill situations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (Section 8).

Personal protective equipment: Wear protective clothing, gloves and eye protection.

Emergency procedures: In case of a spill and/or leak, always shut off any sources of ignition, ventilate the area, and exercise caution.

Methods and materials for containment and clean up:

Dike far ahead of liquid spill for later disposal.

Environmental Precautions:

Prevent entry into sewers, basements or confined areas.

7. HANDLING and USE

Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place.

Storage incompatibilities: Store away from oxidizing agents.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Exposure limits: No data available.

Appropriate engineering controls:

Good general ventilation should be sufficient to control airborne levels. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substance. Follow safe industrial engineering/laboratory practices when handling any chemical.

Personal protective controls:

Respiratory protection: Dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

Hand protection: Wear protective gloves.

Eye protection: Safety glasses.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION (continued)

Skin and body protection: Lab coat.

9. PHYSICAL and CHEMICAL PROPERTIES

Physical state (20°C):	Solid	pH:	No data available
Form:	Powder	Vapor pressure:	No data available
Color:	Red	Vapor Density:	No data available
Odor:	No data available	Dynamic Viscosity:	No data available
Odor threshold:	No data available		
Melting point/freezing point:	No data available	Evaporation rate:	No data available (Butyl Acetate = 1)
Boiling point/range:	No data available	Autoignition temperature:	No data available
Decomposition temperature:	No data available	Flammability or explosive limits:	
Relative density:	No data available	Lower:	No data available
Kinematic Viscosity:	No data available	Upper:	No data available
Partition coefficient:	No data available		
n-octanol/water (log P_{ow}):	No data available		
Flash point:	No data available		
Flammability (solid/gas):	No data available		
Solubility(ies):			
Water:	Soluble		
Slightly soluble:	Ethanol, Cellosolve		
Insoluble:	Many organic solvents		

10. STABILITY and REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions. (See Section 7)
Possibility of Hazardous Reactions:	No hazardous reactivity has been reported.
Conditions to avoid:	Avoid excessive heat and light.
Incompatible materials:	Oxidizing agents.
Hazardous Decomposition Products:	No data available

11. TOXICOLOGICAL INFORMATION

RTECS Number: QJ6030000

Acute Toxicity:	No data available				
Skin corrosion/irritation:	No data available				
Serious eye damage/irritation:	No data available				
Respiratory or skin sensitization:	No data available				
Germ cell mutagenicity:	mno-mus-lym 1688 mg/L (+S9) mmo-esc 10 g/L (+/-S9) bfa-rat-sat 800 mg/kg				
Carcinogenicity:	No data available				
IARC:	No data available	NTP:	No data available	OSHA:	No data available
Reproductive toxicity:	No data available				
Routes of Exposure:	Inhalation, Eye contact, Ingestion				
Symptoms related to exposure:					

11. TOXICOLOGICAL INFORMATION (continued)

No specific information is available in our data base regarding the toxic effects of this material for humans. However, exposure to any chemical should be kept to a minimum. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound.

Potential Health effects:

No specific information available: skin and eye contact may result in irritation. May be harmful if inhaled or ingested.

Target organ(s): No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Fish:	No data available
Crustacea:	No data available
Algae:	No data available

Persistence and degradability:	No data available
Bioaccumulative potential (BCF):	No data available
Mobility in soil:	No data available
Partition coefficient:	No data available
n-octanol/water (log P _{ow}):	No data available
Soil adsorption (K _{oc}):	No data available
Henry's Law: Constant (PaM ³ /mol)	

13. DISPOSAL CONSIDERATIONS

Disposal of product:	Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed 40 CFR Parts 261.
Disposal of container:	Dispose of as unused product.
Other considerations:	Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORTATION INFORMATION

DOT (US)	Non-hazardous for transportation
IATA	Non-hazardous for transportation
IMDG	Non-hazardous for transportation

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA 8b.):

This product is ON the EPA toxic Substance Control Act (TSCA) inventory.

US Federal Regulations

CERCLA Hazardous substances and Reportable Quantity:

SARA 313:	Not Listed
BSARA 302:	Not Listed

State Regulations

State Right-to-Know

Massachusetts	Not Listed
New Jersey	Not Listed
Pennsylvania	Not Listed
California Proposition 65:	Not Listed

15. REGULATORY INFORMATION (continued)

Other Information

NFPA Rating:

Health: 0
Flammability: 0
Instability: 0

HMIS Classification:

Health: 0
Flammability: 0
Physical: 0

International Inventories

Canada: DSL On DSL
ES-No: 223-098-9

16. OTHER INFORMATION

Revision Date: 5-May-2018
Revision Note: New Format

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials of in any process, unless specified in the text. The final of suitability of any material is the sole responsibility of the user. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures.

End of Safety Data Sheet