

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078071526

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078128426

**MATERIAL SAFETY DATA SHEET**

Calco Oil Red N-1700

62447

**SECTION I — IDENTIFICATION**

Company Name: Pylam Products  
Emergency Phone Number: (480) 929-0070  
Effective Date: 5/31/1990  
Revised Date: 1/10/2000  
Chemical Name: Solvent Red 26  
Trade Name: Calco Oil Red N-1700  
Chemical Family: Disazo  
Chemical Formula: C25 H22 N4 O

**SECTION II — HAZARDOUS INGREDIENTS**

Hazardous Components	Hazardous %	TLV (Units)	Prod. CAS #
None as per 29CFR Part 1910.1200			4477-79-6
None under Title III of SARA			

**SECTION III — PHYSICAL DATA**

Boiling Point (°F): N/A  
Freezing Point (°F): N/A  
Volatility/Vol (%): N/A  
Melting Point: N/A  
Vapor Pressure: N/A  
Vapor Density (Air=1): N/A  
Solubility in H<sub>2</sub>O: Soluble  
Appearance/Odor: Red powder/No odor  
Specific Gravity (H<sub>2</sub>O=1): N/A  
Evaporation Rate: N/A  
pH: N/A

**SECTION IV — FIRE AND EXPLOSION HAZARD DATA**

Flash Point: N/A  
Lower Flame Limit: N/A  
Higher Flame Limit: N/A  
Extinguish Media: In case of fire, use water spray, foam, dry chemical, or CO<sub>2</sub>  
For Fire: Dust may form explosive mixture with air  
Unusual Fire Hazard: None

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## SECTION V — HEALTH HAZARD DATA

Threshold Limit Value: N/A  
Overexposure Effects: NFPA Rating: H2, F1, R0  
HMIS Rating: H2, F1, R0, PP=E  
Solvent Red 26: No applicable information was found concerning any adverse acute/chronic health effects resulting from overexposure to this product

### CONEG MODEL TOXIC LEGISLATION

Chromium: Less than 10 ppm  
Cadmium: Less than 10 ppm  
Mercury: Less than 1 ppm  
Arsenic: Less than 10 ppm  
Lead: Less than 10 ppm  
Antimony: Less than 10 ppm

### First Aid Procedures:

Inhalation: If large amounts are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen and call a physician.  
Skin contact: Flush skin with plenty of water after excessive contact. Wash thoroughly with hand cream or hand cleaner.  
Eye contact: Flush eyes immediately with plenty of water for at least 15 minutes. Call a physician.  
Ingestion of powder: Induce vomiting immediately by giving two glasses of water. Get medical attention. Never give fluids to an unconscious person.  
Ingestion of liquid: Seek medical attention as soon as possible. Inducing vomiting is sometimes recommended.

## SECTION VI — REACTIVITY DATA

Chemical stability: Stable  
Conditions to avoid: None  
Incompatible Materials: Oxidizing and reducing agents may destroy color  
Decomposition Products: CO, CO<sub>2</sub>, Oxides of Nitrogen, Sulfur and other potentially toxic fumes  
Hazardous Polymerization: None expected

## SECTION VII — SPILL OR LEAK PROCEDURE

For Spill: Spills should be swept up and placed in containers. Spill areas can be washed with water; collect wastewater for approved disposal.  
Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

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## SECTION VII(A) — REGULATORY INFORMATION

MITI (Japanese): We do not have access to inventory  
AICS (Australian): We do not have access to inventory  
CALIF PROP 65: None unless indicated in Section II  
EPA (TSCA): All components are in compliance  
EINECS/ELINCS: All components should be listed – see CAS number(s)  
RCRA: Not regulated  
CERCLA: Not regulated  
WHMIS: See component(s) – CAS numbers  
USDA: Most products are on file. Please check with our registration department  
DSL/WDSL: All components should be listed – see CAS number(s)  
Carcinogenicity:  
HTP, IARC, OSHA: None unless indicated in Section II of this material safety data sheet

## SECTION VIII — SPECIAL PROTECTION

Respiratory Protection: Employees should avoid inhalation of dusts. Whenever potential for dusting exists and appropriate NOISH/NSHA approved respirator with dust filter should be worn.  
Ventilation: Use local ventilation if dusting is a problem.  
Protective Gloves: Wear suitable gloves.  
Eye Protection: Wear eye/face protection  
Other Protective Equip.: None  
Handling & Storage: In accordance with good industrial practices, handle with care to avoid contact

## SECTION IX — SPECIAL PRECAUTIONS

Hazard Class: None  
DOT Shipping Name: None  
Reportable Quantity (RQ): None  
UN Number: None  
NA Number: None  
Packaging Size: N/A

Pylam Products Company, Inc.  
2175 East Cedar Street  
Tempe, AZ 85281-7431

The data and information given in this material safety data sheet are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of material since this is beyond our control.

Safety Data Sheet  
CALCO OIL RED N-1700

62447



REVISION DATE: August 5, 2015

**SECTION 1 – PRODUCT IDENTIFICATION**

PRODUCT NAME: .....Calco Oil Red N-1700  
PRODUCT NUMBER: .....62447  
SYNONYMS: .....Solvent Red 26  
CHEMICAL FAMILY: .....Disazo  
CHEMICAL FORMULA: .....Solvent Red 26 (CAS# 4477-79-6)  
CAS NUMBER: .....4477-79-6

COMPANY: .....PYLAM PRODUCTS COMPANY, INC.  
2175 E. CEDAR ST.  
TEMPE, AZ 85281  
480-929-0070

RECOMMENDED USE: .....Coloring agent.

FOR ADDITIONAL INFORMATION ABOUT THE SDS: [SafetyCoordinator@Pylamdyes.com](mailto:SafetyCoordinator@Pylamdyes.com)

**EMERGENCY PHONE:..... (800) 424-9300 (CHEMTREC USA)**

**SECTION 2 – HAZARDS IDENTIFICATION**

The following information is presented in accordance with 29 CFR 1910.1200 (Hazcom 2012) which became effective on May 25, 2012:

**CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910.1200(d):**

Skin Irritation; Category 2

Eye irritant; Category 2A

Specific Target Organ Toxicity - single exposure, respiratory system; Category 3

Combustible dust.

**LABEL CONTENT IN ACCORDANCE WITH 29 CFR 1910.1200(f):**



**HAZARD PICTOGRAMS:**

**SIGNAL WORD:**.....Warning.

**HAZARD STATEMENT:**.....H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

May form combustible dust concentrations in air.

**PRECAUTIONARY STATEMENTS:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash face, hands and any exposed skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: If on skin: Wash with plenty of soap and water.

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P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P311: Call a POISON CENTER or doctor/physician if you feel unwell.  
P332+313: If skin irritation occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical attention.  
P362: Take off contaminated clothing and wash before reuse.  
P403+233: Store in a well ventilated place. Keep container tightly closed.  
P405: Store locked up.  
P501: Dispose of contents/container in accordance with local, regional, and international regulations.

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	TLV-TWA
Solvent Red 26	100%	4477-79-6	OSHA PEL: 15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable fraction).

**PRODUCT COMPOSITION INFORMATION** ..... Solvent Red 26 is classified as hazardous as defined within the GHS OSHA Hazard Communication Standard 29CFR1910.1200.

### SECTION 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):** .....If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.  
**SWALLOWING (INGESTION):** .....If swallowed, rinse mouth with plenty of water. Seek medical attention. Never give fluids to an unconscious person.  
**EYES:** .....Immediately flush eyes with plenty of water for at least fifteen minutes. Get medical attention.  
**SKIN (DERMAL):** .....Wash thoroughly with soap and water.  
**SIGNS AND SYMPTOMS OF EXPOSURE:** .....Skin may get discolored upon contact with the dye.

### SECTION 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**.....N/A.  
**LOWER FLAME LIMIT:** .....N/A.  
**HIGHER FLAME LIMIT:**.....N/A.  
**AUTO IGNITION TEMPERATURE:** No data available.  
**EXTINGUISHING MEDIA:** In case of fire use water spray, foam, dry chemical or CO<sub>2</sub>.  
**SPECIAL FIRE FIGHTING PROCEDURES:**..... Firefighters should be equipped with self-contained breathing apparatus and protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** .....Dusts, when mixed with the right proportions of air and in a source of ignition, have the potential to be explosive.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**HANDLING PRECAUTIONS:**.....In accordance with good industrial practices, handle with care to avoid contact. Avoid contact with skin and eyes.  
**SPILL PROCEDURES:** .....Spills should be swept up and placed in containers. Spill areas can be washed with water; collect waste water for approved disposal method. Do not let spills enter drains.

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**WASTE DISPOSAL:** .....Waste disposal should be in accordance with existing federal, state and local environmental regulations.

**RCRA HAZARDOUS CLASS:**.....N/A.

**RCRA HAZARDOUS WASTE NUMBER:** .....Not regulated.

**SECTION 7 – HANDLING and STORAGE**

**STORAGE:**.....Keep container tightly closed. Store in a cool, dry place.

**HANDLING:**.....In accordance with good industrial practices, handle with care to avoid contact. Avoid contact with skin and eyes.

**VENTILATION:**.....Use local ventilation if dusting is a problem.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**OCCUPATIONAL EXPOSURE LIMITS (OEL):** .....

Solvent Red 26

OSHA PEL: 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (respirable fraction).

**RESPIRATORY PROTECTION:** .....Avoid the inhalation of dusts. When the potential for dusting exists use a NIOSH/MSHA approved respirator with dust filter.

**PROTECTIVE CLOTHING:**.....Wear gloves, coveralls, apron, and boots as necessary to prevent skin contact. Wear safety glasses with side-shields (frame goggles).

**SAFETY STATION:**.....Eye wash station should be easily accessible.

**CONTAMINATED EQUIPMENT:** ....N/A.

**SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES**

**APPEARANCE & ODOR:** .....Red powder; odorless.

**ODOR THRESHOLD:** .....Not Available

**PHYSICAL STATE:**.....Powder.

**SOLUBILITY IN WATER:** .....Insoluble.

**OTHER SOLUBILITY:**.....Solvent.

**BOILING POINT:** .....N/A.

**FREEZING POINT:** .....N/A.

**MELTING POINT:** 130 °C (266 °F) (decomposes)

**DECOMPOSITION TEMPERATURE:** .....Not Available

**FLASH POINT:**.....N/A.

**AUTO IGNITION TEMPERATURE:** No data available.

**FLAMMABILITY (SOLID/GAS):**.....Combustible III B

**UPPER FLAMMABILITY LIMIT:** .....N/A.

**LOWER FLAMMABILITY LIMIT:** .....N/A.

**VAPOR PRESSURE:** .....N/A.

**VAPOR DENSITY (AIR=1):**.....N/A.

**PARTITION COEFFICIENT (n-octanol/water):** log P<sub>ow</sub>: 7.117 (calculated)

**SPECIFIC GRAVITY:** .....> 1

**pH:**.....N/A.

**VOLATILITY INCLUDING WATER:** N/A.

**EVAPORATION RATE:**.....N/A.

**VISCOSITY:** .....Not Available.

**BULK DENSITY:** .....N/A.

**SECTION 10 – STABILITY and REACTIVITY**

**REACTIVITY:** .....Not inherently chemically reactive.

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**STABILITY:**.....Stable.  
**HAZARDOUS DECOMP.:**.....Carbon monoxide, carbon dioxide, oxides of nitrogen, sulfur, and other potentially toxic fumes.  
**INCOMPATIBILITY:**.....Oxidizing and reducing agents may destroy color.  
**POLYMERIZATION:**.....None expected.  
**CONDITIONS TO AVOID:**.....Avoid extreme heat; avoid dust formation.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Toxic Ingredient	Percentage of Formula	CAS#	De Minimis Level
N/A	N/A	N/A	N/A

**EYE:**.....Causes moderate irritation with possible redness, itching and discomfort.  
**SKIN:**.....May cause skin irritation with redness and itching.  
**INGESTION:**.....May cause mild digestive tract irritation; there may be abdominal discomfort , nausea, vomiting, gastrointestinal disturbances, diarrhea; severity of symptoms will increase with the amount ingested.  
**INHALATION:**.....Inhalation of dusts may cause irritation of the respiratory tract; effects may include sneezing, coughing, runny nose, nausea, headache, shortness of breath.  
**COMMON ROUTES OF EXPOSURE:**.....Ingestion, Inhalation, Skin & Eyes.  
**CARCINOGENICITY:**.....This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.  
**GERM CELL MUTAGENICITY:**.....No mutagenic effects reported.  
**CHRONIC EFFECT:**.....N/A.  
**LD<sub>50</sub>:**.....Rat (Oral): > 5,000 mg/kg.  
**IRRITATION:**.....May be slightly irritating to the eyes & skin on contact. Inhalation may cause respiratory tract irritation.  
**SIGNS AND SYMPTOMS OF EXPOSURE:**.....Skin may get discolored upon contact with the dye.

**SECTION 12 – ECOLOGICAL INFORMATION**

**ECOTOXICITY:**.....No Data Available.  
**PERSISTENCE & DEGRADABILITY:**.....Not expected to be readily biodegradable. Water solubility is nil; abiotic processes such as mechanical separation can serve to eliminate this material from water.  
**BIOACCUMULATIVE POTENTIAL:**No Data Available.  
**MOBILITY IN THE ENVIRONMENT:**.....No specific information is available.

**SECTION 13 –DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**.....Waste disposal should be in accordance with existing federal, state and local environmental regulations.  
**RCRA HAZARDOUS CLASS:**.....N/A.  
**RCRA HAZARDOUS NUMBER:**.....Not regulated.

**SECTION 14 – TRANSPORTATION INFORMATION**

The information listed below is offered to supplement the data which may also be found on the product's label. Depending on the packaging quantities and packaging instructions, the item may be subject to specific regulatory exceptions.

**DOT TRANSPORTATION INFORMATION**

**DOT SHIPPING NAME:**.....Non-hazardous powdered dye; Item # 154800.  
**HAZARD CLASS:**.....N/A.



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62447

UN CODE:.....N/A.  
 NA NUMBER:.....N/A.  
 PACKAGING GROUP :.....N/A.  
 SPECIAL PROVISIONS:.....None.  
 REPORTABLE QUANTITY:.....N/A.  
 VESSEL STOWAGE:.....N/A.  
 EMERGENCY RESPONSE PAGE: N/A.

### SECTION 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

**TSCA STATUS:**.....This product is registered under the regulations of the Toxic Substances Control Act (TSCA).

**RCRA HAZARDOUS CLASS:**.....N/A.

**RCRA HAZARDOUS NUMBER:**.....Not regulated.

**CERCLA REPORTABLE QUANTITY:**.....N/A.

**CERCLA HAZARDOUS SUBSTANCE:**.....Not regulated.

**SARA 312:** .....Immediate (acute) health hazard: YES.

**SARA SECTION 313:**.....SARA Title III Section 313: This product is not reportable for SARA 313.

**OSHA CRITERIA:** .....Solvent Red 26 is classified as hazardous as defined within the GHS OSHA Hazard Communication Standard 29CFR1910.1200.

**STATE REGULATIONS:**

REGULATED COMPONENT CAS #	COMPONENT CONCENTRATION	STATE REGISTRATION
N/A	N/A	N/A

**CHEMICAL INVENTORIES:**

Canada DSL	Canada NDSL	Australia AICS	China IECSC	Europe EINECS	Korea KECI	Japan METI/CSCCL	Philippines PICCS	New Zealand NZLOC
Y	N	Y	Y	Y	Y	Y	Y	Y

### SECTION 16 – OTHER INFORMATION

**HMIS Information :**

**Health:** .....1  
**Flammability:**.....1  
**Reactivity:**.....0  
**Personal Protection:**.....E

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