

BACHARACH, INC.
MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet has been prepared to comply with the EC Directive, Canadian WHMIS and OSHA Hazard Communication Regulations.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

BACHARACH, INC.
625 ALPHA DR.
PITTSBURGH, PA 15238

EMERGENCY PHONE: (800) 424-9300 (CHEMTREC)
INFORMATION PHONE: (412) 963-2223
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PRODUCT NAME: SOLUTION, RED DYE, FYRITE

PRODUCT NUMBER: 11-0185

MSDS NUMBER: 99-0099

REVISION NUMBER: 5

MSDS DATE OF PREPARATION/REVISION: 04-07-00

SECTION 2: COMPOSITION/ INFORMATION INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Percentage</u>	<u>Exposure Limits</u>
Water	7732-18-5	>99.9	None Established
Rubine Red Dye	Proprietary	<0.1%	None Established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Red colored solution, no odor. May cause mild, reversible eye and skin irritation.

ACUTE HEALTH HAZARDS:

EYE CONTACT: None known. May cause minor, temporary irritation.

SKIN CONTACT: None known.

INHALATION: None known.

INGESTION: None known.

CHRONIC HEALTH EFFECTS: None known.

CARCINOGEN STATUS: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

SEE SECTION 11 - TOXICOLOGICAL INFORMATION FOR ADDITIONAL DATA

SECTION 4: FIRST AID

EYE CONTACT: Immediately flush with water, 15 minutes, lifting the upper and lower lids. Get prompt medical attention.

SKIN CONTACT: Wash thoroughly with soap and water after contact.

INHALATION: None should be needed.

INGESTION: Give water to drink and induce vomiting. Do not give anything by mouth to or induce vomiting in a person who is unconscious or convulsing. Get immediate medical attention.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None **TEST METHOD:** N/A
AUTOIGNITION TEMPERATURE: N/A
FLAMMABLE LIMITS: **LEL:** N/A **UEL:** N/A
EXTINGUISHING MEDIA: Use any media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
HAZARDOUS COMBUSTION PRODUCTS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

WORK PRACTICES: Avoid eye and skin contact. Wash thoroughly after contact.
SPECIAL PRECAUTIONS: Refer to MSDS for other Fyrite components for additional precautions.
STORAGE: Store in a cool, dry place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No special ventilation is required.
RESPIRATORY PROTECTION: None required.
GLOVES: Rubber gloves recommended.
EYE PROTECTION: Safety goggles recommended.
OTHER PROTECTIVE EQUIPMENT: An available source of running water for eye and skin flushing is recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Red colored solution, no odor.

pH: N/A	SPECIFIC GRAVITY: 1.0
BOILING POINT: 100°C	VAPOR PRESSURE: Same as water
MELTING POINT: 0°C	VAPOR DENSITY: Same as water
SOLUBILITY IN WATER: Complete	PERCENT VOLATILE: >99.9%
COEFFICIENT WATER/OIL: Not available	

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: N/A
INCOMPATIBILITY: Materials that react with water.
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA: Rubine Red Dye: LD50 oral rat: >10 gm/kg

IRRITANCY DATA: Not known to cause irritation.

SENSITIZATION: This material has not been reported to cause sensitization in humans or animals.

REPRODUCTIVE TOXICITY: This material has not been reported to cause reproductive toxicity in humans or animals.

TERATOGENICITY: This material has not been reported to cause teratogenicity in animals or humans.

MUTAGENICITY: The dye in this material has been reported mutagenic in some test systems but was not found mutagenic in the US EPA Genetox Program studies.

SYNERGISTIC EFFECTS: There are no chemicals known to cause any additive adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION

The ecological effects of this product have not been evaluated.

SECTION 13: DISPOSAL

Dispose in accordance with all local, state and federal regulations.

RCRA HAZARDOUS WASTE CODES: Not applicable

SECTION 14: TRANSPORTATION DATA

US DOT SHIPPING NAME: Not Regulated

DOT LABELS REQUIRED: N/A

EMERGENCY RESPONSE GUIDE NUMBER: N/A

IATA SHIPPING NAME: Not Regulated

IATA LABELS REQUIRED: N/A

SECTION 15: OTHER REGULATORY INFORMATION

SARA 311/312: Hazard Categories for SARA Section 311/312 Reporting: None

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313 (40 CFR 372): None

CERCLA SECTION 103 REPORTABLE QUANTITY: N/A

CALIFORNIA PROPOSITION 65: This product contains the following substances known to the State of California to cause Cancer and/or Reproductive Harm: None

US TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the EPA TSCA Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the components of this product are listed on the Canadian Domestic Substances List.

EUROPEAN INVENTORY OF COMMERCIAL CHEMICAL SUBSTANCES: All of the components of this product are listed on the EINECS Inventory.

JAPAN MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES: All of the components of this product are listed on the AICS Inventory.

CANADIAN WHMIS CLASSIFICATION: Not a controlled product.
This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

EUROPEAN COMMUNITY LABELING CLASSIFICATION: N/A
EUROPEAN COMMUNITY RISK AND SAFETY PHRASES: None

SECTION 16: OTHER INFORMATION

NFPA HAZARD RATING: **HEALTH:** 1 **FIRE:** 0 **REACTIVITY:** 0

DATE OF LATEST MSDS REVISION: 03-14-97
REVISION SUMMARY: Format Update, Section 11

The preceding information is believed to be correct and current as of the date of preparation of this Material Safety Data Sheet. Since the use of this information and the conditions of use of the product are not within the control of Bacharach, Inc., it is the users obligation to assure safe use of this product.