



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Scaletrol 720**
Item Number: 488265
Product Use: Scale inhibitor
Supplier: BJ Services Company
11211 FM 2920
Tomball, Texas 77375
(281)351-8131

**IN CASE OF EMERGENCY CALL: (800) 424-9300 for
CHEMTREC
(703) 527-3887 for
International**

HMIS HAZARD INDEX

HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTION: g

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Ethylene glycol	000107-21-1	0-45	Target Organ Effect - Kidney
Diethylene glycol	000111-46-6	0-5	Toxic

3 HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Eye contact. Ingestion. Inhalation. Skin absorption. Skin contact.

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: May cause irritation of mucous membranes. Prolonged exposure may cause central nervous system effects including headache, dizziness, nausea, fatigue or excitement.

INGESTION: May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

EYE CONTACT: May cause mild eye irritation.

SKIN CONTACT: May cause irritation or dermatitis. Skin sensitizer. Harmful if absorbed through the skin.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Ethylene glycol	NA	NA	NA	4700 mg/kg rat
Diethylene glycol	NA	NA	NA	12565 mg/kg rat

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4 FIRST AID MEASURES

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Only trained personnel should administer oxygen. Get medical attention.

INGESTION:

DO NOT induce vomiting. Give victim plenty of water. Never give anything by mouth to an unconscious person.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

SKIN:

In case of contact, immediately flush skin with plenty of soap and water. Seek medical attention.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):	> 200° F (TCC)
LOWER EXPLOSION LIMIT (% v/v):	Not available
UPPER EXPLOSION LIMIT (% v/v):	Not available
AUTO-IGNITION TEMPERATURE:	Not available

SPECIAL HAZARDS:

None

EXTINGUISHING MEDIA:

Use appropriate media for surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon. Smoke and fumes.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Small spills - Cover spill with absorbent material. Scoop absorbed material into a suitable container for disposal. Large spills - Dike to contain. Prevent from entering sewers or waterways. Recover product to suitable containers or vessel for reuse, if possible, or for disposal.

7 HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Do not inhale vapors.

STORAGE REQUIREMENTS:

Keep container tightly closed, in a cool, well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Adequate ventilation should be provided to keep concentrations below acceptable exposure limits. Local exhaust. Mechanical ventilation.

PERSONAL PROTECTIVE EQUIPMENT:

Impermeable gloves Chemical resistant goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Colorless/pale yellow
ODOR:	Mild
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	1.18

VAPOR PRESSURE:	Not available
VAPOR DENSITY (air = 1):	Not available
EVAPORATION RATE:	Not available
BOILING POINT:	> 212° F @ 760mm Hg
FREEZING POINT:	- 35° F
pH:	6.5 - 8.5
VISCOSITY (F):	Not available
SOLUBILITY IN WATER:	Complete

10 STABILITY AND REACTIVITY

STABILITY:

Stable.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

Strong alkalis. Strong acids. Contact with oxidizing agents.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of carbon. Smoke.

HAZARDOUS POLYMERIZATION:

Will not occur.

11 TOXICOLOGICAL PROPERTIES

CHRONIC EFFECTS:

Liver and kidney damage. May cause delayed and serious nerve and eye damage or other systemic effects.

SENSITIZATION:

Not known.

CARCINOGENICITY:

None of the components of this product have been listed as carcinogenic by IARC, NTP or OSHA. (IARC- International Agency for Research on Cancer) (NTP - National Toxicology Program) (OSHA - Occupational Safety & Health Administration (US)).

MUTAGENICITY:

Not known.

REPRODUCTIVE TOXICITY:

Not known.

12 ECOLOGICAL INFORMATION

No specific information available.

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal should be made in accordance with national and local regulations. Consult local waste authorities for direction and/or approvals prior to disposal.

14 TRANSPORT INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.

Technical Name(s): Ethylene glycol

UN/ID No.: UN 3082

Hazard Class - Primary: 9

Hazard Class - Secondary:

Packing Group: III

Reportable Quantity (RQ): 5000 lbs (Ethylene Glycol)

Emergency Response Guide #: 171

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.
Technical Name(s): Ethylene glycol
UN/ID No.: UN 3082
Hazard Class - Primary: 9
Hazard Class - Secondary:
Packing Group: III

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.
Technical Name(s): Ethylene glycol
UN No.: UN 3082
Hazard Class - Primary: 9
Hazard Class - Secondary:
Packing Group: III
EmS: F-A, S-F

15 REGULATORY INFORMATION

SARA TITLE III:

SECTION 302/304 This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTION 311/312 Delayed, Immediate

SECTION 313 This product contains the following substance(s) which appear on the List of Toxic Chemicals:, Ethylene Glycol CAS# 107-21-1

TSCA INVENTORY: The substances in this product are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710).

CALIFORNIA PROP 65: None of the chemicals on the current Proposition 65 list are known to be present in this product.

PRIORITY POLLUTANTS:

16 OTHER INFORMATION

ISSUE DATE: 08/06/2007

PREPARED BY: BJ Services Environmental Department

REFERENCES:

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2006.

Dangerous Goods Regulations, 48th ed., International Air Transport Association, 2007.

Guide to Occupational Exposure Values - 2006, American Conference of Governmental Industrial Hygienists, 2006.

SAX's Dangerous Properties of Industrial Materials

Supplier's Literature.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.