



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region
USA

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: **CD-32**
Item Number: 488013
Product Use: Cement dispersant
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: H

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	Percent	Hazard
Sodium lauryl ether sulphate	009004-82-4	10-30	Irritant

3 HAZARDS IDENTIFICATION

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

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: Inhalation of dust may cause respiratory tract irritation.

INGESTION: Ingestion of significant quantities may cause nausea, vomiting and diarrhea.

EYE CONTACT: May cause moderate eye irritation.

SKIN CONTACT: May cause skin irritation.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	LC50 (inhalation)	LD50 (oral)
Sodium lauryl ether sulphate	NA	NA	NA	NA

4 FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing

becomes difficult.

INGESTION:

Rinse mouth out with water. Drink plenty of water. Seek medical advice.

EYES:

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

SKIN:

Flush skin with water. Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

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

SPECIAL HAZARDS:

May form explosive dust-air mixture.

EXTINGUISHING MEDIA:

Water fog, carbon dioxide, foam, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:

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

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of sulphur. Oxides of carbon.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Remove sources of ignition. Sweep, scoop, or vacuum up spill, while taking care not to disperse dust in the air. Place in suitable container(s) for reuse or disposal. Use only explosion proof transfer equipment.

7 HANDLING AND STORAGE

HANDLING:

Wear specified protective equipment. Avoid creating dust. Use only spark-proof and explosion-proof tools and equipment.

STORAGE REQUIREMENTS:

Keep in a cool, well ventilated place. Keep container dry. Keep away from incompatible materials.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Use only in a well ventilated area. Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT:

Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. (Dust mask) Chemical resistant goggles. Rubber gloves. Coveralls.

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	Tan
ODOR:	Bland
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY:	1.28
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY (air = 1):	Not applicable
EVAPORATION RATE:	Not applicable
BOILING POINT:	Not applicable
FREEZING POINT:	Not applicable

pH: 9.5 (5% sol.)
VISCOSITY (F): Not applicable
SOLUBILITY IN WATER: Soluble

10 STABILITY AND REACTIVITY

STABILITY:

Stable.

INCOMPATIBILITY/CONDITIONS OF REACTIVITY:

Strong oxidizers.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of sulfur. Carbon monoxide. Carbon dioxide.

HAZARDOUS POLYMERIZATION:

Will not occur.

11 TOXICOLOGICAL PROPERTIES

CHRONIC EFFECTS:

None known.

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: NOT RESTRICTED

Hazard Class - Primary:

UN/ID No.: NA

Packing Group:

Subsidiary Risk:

Reportable Quantity (RQ):

Emergency Response Guide #:

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: NOT RESTRICTED

Hazard Class - Primary:

UN/ID No.: NA

Packing Group:

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: NOT RESTRICTED

Hazard Class - Primary:

Packing Group:

EmS:

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 Immediate

SECTION 313 This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

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

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PREPARED BY: BJ Services Environmental Group

REFERENCES:

Suppliers' Literature.

Dangerous Properties of Industrial Materials, 9th ed.; N. Irving Sax, 1996.

International Marine Dangerous Goods Code, 2002 Edition, International Maritime Organisation, 2002.

Restructured ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road, United Nations, New York and Geneva, 2001. Vols. I, II.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, Statutory Instruments 2002 No. 1689, UK.

Dangerous Goods Regulations, 47th ed., International Air Transport Association, 2006.

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

TDG Clear Language Regulations, as published in the Canada Gazette Part II, August 2001.

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