



# SHANDONG BROTHER SCI.&TECH. CO., LTD

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## Material Safety Data Sheet

### Section 1: Identification

**Product Name:** XZ-EFKSS

**Chemical name:** Potassium diphenyl sulphone sulphonate

**CAS#:** 63316-3-8

### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS #	% by Weight
Mono potassium sulfonate	63316-43-8	80%
Di potassium sulfonate	63316-33-6	20%

### Section 3: Hazards Identification

**NFPA Ratings (SCALE 0-4):** HEALTH=1 FIRE=0 REACTIVITY=0

**Emergency Overview:** Color: white Physical Form: crystals or powder

**Major Health Hazards:** No significant target effects reported.

**Potential Health Effects:**

**Inhalation:** Short term exposure: no information is available

Long term exposure: no information is available

**Skin Contact:** Short term exposure: no information on significant adverse effects

Long term exposure: no information on significant adverse effects

**Eye Contact:** Short term exposure: irritation

Long term exposure: same as effects reported in short term exposure

**Ingestion:** Short term exposure: no information is available

Long term exposure: no information is available

**Carcinogen Status:** OSHA: No NTP: No IARC: No

### Section 4: First Aid Measures

**Inhalation:**

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

**Skin contact:**

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Ingestion:**

If a large amount is swallowed, get medical attention.

### Section 5: Fire and Explosion Data

**Fire and Explosion Hazards:** Negligible fire hazard.

**Extinguishing Media:** Use extinguishing agents appropriate for surrounding fire.

**Fire Fighting:** Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

**Hazardous Combustion Products:** Thermal decomposition products or combustion: ammonia, inorganic acids.



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### Section 6: Accidental Release Measures

**Occupational Release:** Collect spilled material in appropriate container for disposal.

### Section 7: Handling and Storage

**Storage:** Store and handle in accordance with all current regulations and standards. Store with bases. Keep separated from incompatible substances.

**Handling:** Use methods to minimize dust.

### Section 8: Exposure Controls/Personal Protection

**Exposure limits:**

**XZ-EFKSS:** No occupational exposure limits established.

**Ventilation:** Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**Eye Protection:** Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Clothing:** Wear appropriate chemical resistant clothing.

**Gloves:** Wear appropriate chemical resistant gloves.

**Respirator:** Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any dust, mist, and fume respirator. Any air-purifying respirator with a high-efficiency particulate filter. Any powered, air-purifying respirator with a dust, mist, and fume filter. Any powered, air-purifying respirator with a high-efficiency particulate filter.

For Unknown Concentrations or Immediately Dangerous to Life or Health Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.

### Section 9: Physical and Chemical Properties

**Physical State:** solid

**Color:** white powder or crystalline

**Texture:** free-flowing

**Physical Form:** crystals or powder

**Odor:** Not available

**Boiling Point:** Not applicable

**Melting Point:** 300-D

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Specific Gravity:** Not available

**Bulk Density:** 0.2kg/l

**Water Solubility:** 20% soluble 20-D

**PH:** 6-8 (2% solution)

**Volatility:** Not applicable

**Odor Threshold:** Not available

**Evaporation Rate:** Not applicable

**Coefficient of Water/Oil Distribution:** Not available



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### Section 10: Stability and Reactivity Data

**Reactivity:** Stable at normal temperatures and pressure.

**Conditions to Avoid:** None reported.

**Incompatibilities:** oxidizing materials

**Hazardous Decomposition:** Thermal decomposition products or combustion: ammonia, inorganic acids

**Polymerization:** Will not polymerize.

### Section 11: Toxicological Information

**XZ-EFKSS:**

**Toxicity Data:** Oral, rat: LD50=5000mg/kg

**Acute Toxicity Level:** Slightly Toxic: ingestion

### Section 12: Ecological Information

**Ecotoxicity Data:**

Date not yet available.

### Section 13: Disposal Considerations

Dispose in accordance with all applicable regulations.

### Section 14: Transport Information

IMO

Not regulated as a hazardous material.

US DOT

Not regulated as a hazardous material.

IATA

Not regulated as a hazardous material.

### Section 15: Other Regulatory Information

**U.S. Regulations:**

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):** Not regulated.

**SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):** Not regulated.

**SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):** Not regulated.

**SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):**

Acute: No    Chronic: No    Fire: No    Reactive: No    Sudden Release: No

**SARA TITLE III SECTION 313 (40 CFR 372.65):** Not regulated.

**OSHA PROCESS SAFETY (29CFR1910.119):** Not regulated.

**State Regulations:** California



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**Proposition 65:** Not regulated.

### Canadian Regulations:

**WHMIS Classification:** Not determined.

### European Regulations:

**EC Classification (calculated):** Not determined.

**U.S. Inventory (TSCA):** Listed on inventory.

**TSCA 12(b) Export Notification:** Not listed.

**Canada Inventory (DSL):** Listed on inventory.

**Canada Inventory (NDSL):** Not determined.

## Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 15/02/2009

**Last Updated:** 15/03/2011