



3707 FM1960 West, Suite 560
Houston, TX 77068
Phone: 281-587-0900
Fax: 281-587-1998
www.soltexinc.com

MATERIAL SAFETY DATA SHEET

EMERGENCY CONTACT:
CHEMTREC (800) 424-9300

HMIS HAZARD RATING

HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	X

Date of Review:

Date of Preparation: April 15, 2009

By: C. E. Baxter, Jr.

SECTION I: PRODUCT IDENTIFICATION

Product Name: **NeutralBar 50**
Chemical Family: Oil Soluble Barium Sulfonate

SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Wt%
Barium Sulfonate	45-55%
CAS # Proprietary	
Mineral Oil	45-55%
CAS # Proprietary	

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Irritating to eyes and skin. Clear brown liquid with a characteristic odor.

Hazardous Ingredients: Barium Sulfonate. Hazard: Irritating to eyes and skin.

Symptoms of Exposure: Irritation to eyes and skin.

Medical Conditions Aggravated by Exposure: Eczema or other dermatological conditions,

Primary Route(s) of Entry: Dermal and inhalation

SECTION IV: FIRST AID MEASURES

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Wash effected area immediately with plenty of water and soap.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: DO NOT induce vomiting. Consult a doctor immediately.

SECTION V: FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO₂, foam, dry powder. Do not use water stream.

Do not let contaminated extinguishing media to enter the soil, groundwater or surface waters.

In case of fire, carbon oxide gases and other toxic gases may form.

Protective equipment: In case of fire-lighting, respirators are necessary.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear personal protective equipment.

Measures for cleaning/collecting: Absorb with liquid-binding material, e.g., sand, universal binders, sawdust.

Measures for environmental protection: Do not allow to enter sewers, surface or ground water. Inform respective authorities in case of seepage into water course or sewage system. Fill materials should be collected and stored in closed, labeled containers for disposal.

SECTION VII: HANDLING AND STORAGE

Handling: Protective measures when handling chemicals need to be observed.

Storage: Product should be stored in a dry place at room temperature. Product should be stored in tightly sealed originally labeled containers.

SECTION VIII: PERSONAL PROTECTION

Ingredients with limit values that require workplace monitoring: Under conditions which may generate mist. TLV of 5 mg/m³ is recommended.

Personal Protective Equipment: Eye protection: Wear lightly sealed goggles.

Hand protection: Wear protective gloves.

Respiratory protection: Necessary if vapors are present or spray may be formed.

General protective and hygienic measures: Avoid contact with eyes and skin. Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Color:	Brown
Odor:	Characteristic
Density:	1.02 g/cm ³ (15.6 °C) (ASTM D4052)
Boiling pt/range:	Nat determined
Melting pt/range:	Not applicable
Flash Point:	356 °F (180 °C) (ASTM D92, COC)
Ignition Temperature:	Not determined
Danger of Explosion:	Not determined
Vapor Pressure:	Not determined
Viscosity:	Highly viscous (40 °C) (ASTM D 445)
Solubility: Water:	Not soluble
Other:	Mineral oil

SECTION X: STABILITY AND REACTIVITY

Conditions to be avoided: Formation of spray, high temperatures.

Dangerous reactions: Avoid contact with strong bases (e.g. alkalis) and strong acids

Dangerous decomposition products: No decomposition if used according to specifications. See Section 5 for decomposition products in case of fire.

SECTION XI: TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral:	LD ₅₀ (rat) >2000 mg/kg	(Method: similar to FHSLA, 21 CFR p191.1)
Inhalation:	LC ₅₀ (rat) >20 mg/l (spray)	(FHSLA, 21 CFR p191.10)
Irritation effects:		
Eye:	Irritating	(FHSLA, 21 CFR p191.11)
Skin:	Irritating	(FHSLA, 21 CFR p191.11)

Skin sensitization: No evidence of human skin sensitization after many years of experience in producing and handling this material

Mutagenicity: Bacterial reverse mutation assays, in vitro and in vivo chromosome aberration studies for several structural analogs indicate a low concern for mutagenicity.

SECTION XII: ECOLOGICAL INFORMATION

Aquatic Toxicity: LC50 (fish) Tests according to OECD 203 will be conducted.

Biodegradation: The biodegradation for structurally similar substances showed low degree of degradation

SECTION XIII: DISPOSAL CONSIDERATIONS

Recommendation: Do not allow product to reach ground water, water course or sewage system. Uncleaned packages must be disposed of in same manner as product. Disposal must be made according to official regulations. Must not be disposed together with household garbage.

14. TRANSPORT INFORMATION

DOT Regulations:	Not regulated
Hazard class:	-
identification number:	-
Packing group:	-
Proper shipping name:	-
Maritime transport IMDG:	Not regulated
IMDG class:	-
Marine pollutant	No
Air transport ICAO-TI an IATA-DGR:	Not regulated
ICAO/IATA class:	-

SECTION XV: REGULATORY INFORMATION

NTP, IARC and OSHA: This product does not contain any substances listed as a carcinogen.

RCRA: Formulated products may or may not be hazardous under RCR.A and should be tested.

SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1990 and of 40 CFR 272.

Barium compounds 45-55%

California PROP 65: This product does not contain any substances listed by the State of California Environmental Protection Agency, Office of Environmental Health Hazard Assessment Safe Drinking Water and Toxic Enforcement Act of 1986.

OTHER

This product does not contain nor is it manufactured with ozone depleting chemicals.

NATIONAL REGULATIONS: Product is listed or in compliance with the following current regulations: US TSCA, CANADA DSL, EEC EINECS, JAPAN MITI, AUSTRALIA AICS, KOREA ECL, PHILIPPINES PICCS.

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.