

Material Safety Data Sheet

November 12, 1985

CAS NOS: 64742-88-7



TBC-BRINADD

A DIVISION OF TEXAS UNITED CHEMICAL CORPORATION

2000 WEST LOOP SOUTH, SUITE 900
HOUSTON, TEXAS 77027

Section I

Chemical Name and Synonyms	PROPRIETARY BLEND	Emergency Telephone Number
Trade Name and Synonyms	LP VIS HEC	
Chemical Family	N/A	Formula
		PROPRIETARY BLEND

Section II - Hazardous Ingredients

CONTAINS MINERAL SPIRITS SOLVENTS >50% TLV 500 PPM

Hazardous Mixtures of Other Liquids, Solids or Gases

	%	TLV (Units)

Section III - Physical Data

Boiling Point (°F)	300°F	Specific Gravity (H ₂ O=1)	1.06
Vapor Pressure (mm Hg.)	2.0	Percent Volatile by Volume (%)	60
Vapor Density (AIR=1)	4.9	Evaporation Rate (ether = 1)	70

Solubility in Water

APPRECIABLE

Appearance and Odor

WHITE LIQUID WITH MINERAL SPIRITS ODOR

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	86°F (TCC)	Flammable Limits	LEL 1.0%	UEL	
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Extinguishing Media

FOAM, CO₂, OR DRY CHEMICAL

Special Fire Fighting Procedures

SELF CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN POSITIVE

PRESSURE MODE.

Unusual Fire and Explosion Hazards

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND TO IGNITION SOURCE. DO NOT

USE TORCH NEAR CONTAINER. RESIDUE IN EMPTY CONTAINER MAY IGNITE EXPLOSIVELY.

SEE ATTACHMENT

Section VI - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products

MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, TOXIC MATERIALS UPON BURNING

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled

CONTAIN LIQUID WITH ABSORBENT MATERIAL AND DISPOSE TO LANDFILL, AVOID IGNITION SOURCES.

Waste Disposal Method

LIQUID INCINERATION OR LANDFILL DISPOSAL ACCORDING TO LOCAL, STATE AND FEDERAL REGULATION

Section VIII - Special Protection Information

Respiratory Protection (Specify Type)

NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF TLV IS EXCEEDED

Ventilation	Local Exhaust		Special
	Mechanical (General)	RECOMMENDED	Other
		EXPLOSION PROOF	

Protective Gloves

CHEMICAL RESISTANT SUCH AS BUNA-N

Eye Protection

SPLASH GOGGLES

Other Protective Equipment

IMPERVIOUS CLOTHING AND BOOTS

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing

KEEP AWAY FROM HEAT. DO NOT REUSE EMPTY CONTAINERS.

Other Precautions

PRODUCT NAME :

ATTACHMENT

LP VIS HEC

HEALTH HAZARD INFORMATION

OSHA Permissible Exposure Limit: 500 ppm

ACGIH Threshold Limit Value: 100 ppm

Primary Route(s) of Exposure/Entry: INHALATION, SKIN, EYES

Acute Effects of Overexposure:

Ingestion: CAN CAUSE NAUSEA, VOMITING, DIARRHEA. CAN RESULT IN CHEMICAL PNEUMONITIS

Inhalation: CAN CAUSE HEADACHE, WEAKNESS, RESPIRATORY DISTRESS OR UNCONSCIOUSNESS

Skin Contact: CAN CAUSE MODERATE IRRITATION AND DERMATITIS

Eye Contact: CAN CAUSE SEVERE IRRITATION, TEARING, REDNESS OR BLURRED VISION.

Chronic Effects of Overexposure: NONE KNOWN

Listed as Carcinogen or Potential Carcinogen by:

NTP no IARC no OSHA no

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY

Inhalation: REMOVE TO FRESH AIR. PREPARE TO ADMINISTER ARTIFICIAL RESPIRATION

Skin: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING

Eye: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IMMEDIATELY

We cannot anticipate all conditions under which this information and our products may be used.

Users may wish to make their own tests to determine the safety and suitability of each product or product combination.

LP-VIS-HEC

LP-VIS-HEC IMPARTS VISCOSITY TO OIL
FIELD BRINES.

LIQUID POLYMER VISCOSIFIER

PHYSICAL PROPERTIES

FORM	DENSITY	PACKAGING
Liquid Concentrate	1 gm/cc	5 Gallon Plastic Container

COMPOSITION

LP-VIS-HEC is Hydroxyethyl cellulose concentrated in a solvent.

APPLICATIONS

LP-VIS-HEC is a liquid viscosifier designed for use under poor mixing conditions.

LP-VIS-HEC may be used alone as a viscosifier or it may be used in conjunction with any of the other TBC Fluid Services products. LP-VIS-HEC Imparts viscosity and gel strength for effective hole cleaning. Recommended uses include underreaming, sand washing and gravel packing.

BASE FLUIDS

LP-VIS-HEC may be used in fresh water, sea water, produced brines, sodium chloride or calcium bromide brines.

MIXING

LP-VIS-HEC is readily mixed into brine through a hopper or directly into the mixing tank under guns. Approximately 35 gallons of LP-VIS-HEC is added per 100 barrels of brine to prepare a completion or workover fluid. No defoamer is needed.

NON-DAMAGING

LP-VIS-HEC is acid-soluble and has been substantiated as being essentially non-damaging.

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