



VSS ASPHALT TECHNOLOGIES DATA SHEET VER: 1.0 --PRODUCT INFORMATION

DESCRIPTION:

RoadChem™ 500® is a cationic emulsifier used to manufacture slow setting and high binder content emulsions. RoadChem™ 500® is sometimes used in slurry sealing emulsions also.

RoadChem™ 500® forms highly stable slow setting emulsions. This emulsifier gives excellent adhesion to most aggregate types, including both acidic and basic aggregates.

BENEFITS:

- Slow set
- Creates highly stable emulsions
- Compatible with a wide range of bitumens and polymers
- High binder contents possible
- Completely water soluble

PHYSICAL PROPERTIES:

Appearance: Clear liquid

Flash point: 55F (13C)

Specific gravity: 0.89@ 69F (20C)

Viscosity: 52 cP @ 69F (20C)

Storage: Store in a cool dry place, do not let the temperature exceed 120F (50C). Use open drums first. Note this material is flammable.

Storage life: 24 months minimum (if stored correctly).

Packaging: Supplied in steel 205 lt size drums, in 1 tonne totes, or in bulk.

APPLICATION:

RoadChem™ 500® is specifically used for CSS-1, CSS-2 and high binder content emulsions. It may also be used for slurry seal emulsions.

RoadChem™ 500® is a quaternary ammonium type emulsifier.

TYPICAL FORMULATION:

All formulations should be tested in the laboratory before use.

Soap solution:

RoadChem™ 500® 1.3-2.0%

Calcium Chloride 0.1%

Kerosene 0%-6%

Water Adjust to 100%

Water phase pH 4.0-6.0

Asphalt: 60-65%

SAFETY:

A Material Safety Data Sheet is available for this product. Always read the safety data sheet for any chemical prior to use.

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