



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

DESCRIPTION:

RoadChem™ 1001® is an anionic slow setting emulsifier for preparing highly stable high float asphalt emulsions.

BENEFITS:

- Creates Highly stable emulsions
- Very High float
- Easily dispersed in water
- High activity
- Emulsifies most asphalts

PHYSICAL PROPERTIES:

Appearance: Dark colored liquid.

Flash point: > 250C

Specific gravity: 0.85 g/ml

Storage: Store in a well ventilated cool dry place. Keep dry.

Storage life: 12 months minimum (if stored correctly).

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

APPLICATION:

RoadChem™ 1001® may be used in the production of slow setting asphalt emulsions. In HFRS-1 or HFRS-2 or in HFMS-1 or HFMS-2

RoadChem™ 1001® is a tall oil derivative.

TYPICAL FORMULATION:

All formulations should be tested in the laboratory before use.

HFMS-1

RoadChem™ 1001® 1.6%

Sodium hydroxide 0.15%

Adjust pH to 9.0 -10.0

Water: TO 100%

Diesel (added to asphalt) 1-3%

Asphalt: 60%

HFMS-2

RoadChem™ 1001® 1.6%

Sodium hydroxide 0.15%

Adjust pH to 9.0 -10.0

Water: to 100%

Diesel (added to asphalt) 1-3%

Asphalt: 65%

HFRS-1

RoadChem™ 1001® 0.5%

Sodium Hydroxide 0.2%

Adjust pH to 11.5-12.5

Asphalt 60%

Diesel(added to asphalt) 1-3%

WATER TO 100%

HFRS-2

RoadChem™ 1001® 0.4%

Sodium Hydroxide : 0.15%

Adjust to pH 11.0-12.0

Asphalt 65%

Water to 100%

RoadChem™ 1001® gives optimum cement mixing around a pH of 9.0. It must first be dissolved in warm water and pH adjusted using Sodium Hydroxide.

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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