



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

DESCRIPTION:

RoadChem™ 1040® is a Nonionic emulsifier for the production of nonionic and anionic slow-setting asphalt emulsions.

BENEFITS:

- **Low Use Level:** RoadChem™ 1040® is typically effective at use levels between 0.8 and 1.2%
- **Super-Stable Emulsions:** Emulsion produced with RoadChem™ 1040® show the stability needed for applications such as dense mixes, dust control, mulching and stabilization. Emulsions made with RoadChem™ 1040® may be mixed with cement in recycling and stabilization processes.

PHYSICAL PROPERTIES:

Appearance at 25 C: pale viscous liquid

Pour point, Deg C: 5 (41 Deg. F)

Cloud point, Deg C: 17 (63 Deg F)

Flash point Deg C: >100 Deg.C(>212 Deg. F)

Deg. C	10	20	30	40
Deg. F	50	68	86	104
Viscosity,, mPa.s(cP)	4700	1700	700	400
Density, g/cc	1.06	1.02	.98	.936
Density, lbs./gal	8.83	8.46	8.12	7.75

STORAGE: RoadChem™ 1040® contains water and stainless steel storage tanks are preferred. Bulk stores should be maintained at 20-35 Deg. C (70-100 Deg F)

RoadChem™ 1040® may cause irritation to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Material Safety Data Sheet.

STORAGE LIFE: 12 months minimum (if stored correctly).

PACKAGING: RoadChem™ 1040® is available in bulk shipment or in 55-gallon tight head drums of 450 lbs. (204 kgs) net weight.

APPLICATION:

RoadChem™ 1040® is an Nonionic emulsifier for the production of nonionic and anionic slow-setting asphalt emulsions.

TYPICAL FORMULATION:

All formulations should be tested in the laboratory before use.

Asphalt SS-1

RoadChem™ 1040 57+

Sodium hydroxide 0.8-1.5

pH soap 7-12

Sodium tripolyphosphate 0-0.2

Water: to 100

RoadChem™ 1040® 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. Roadchem™ 1040® is NON HAZARDOUS

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