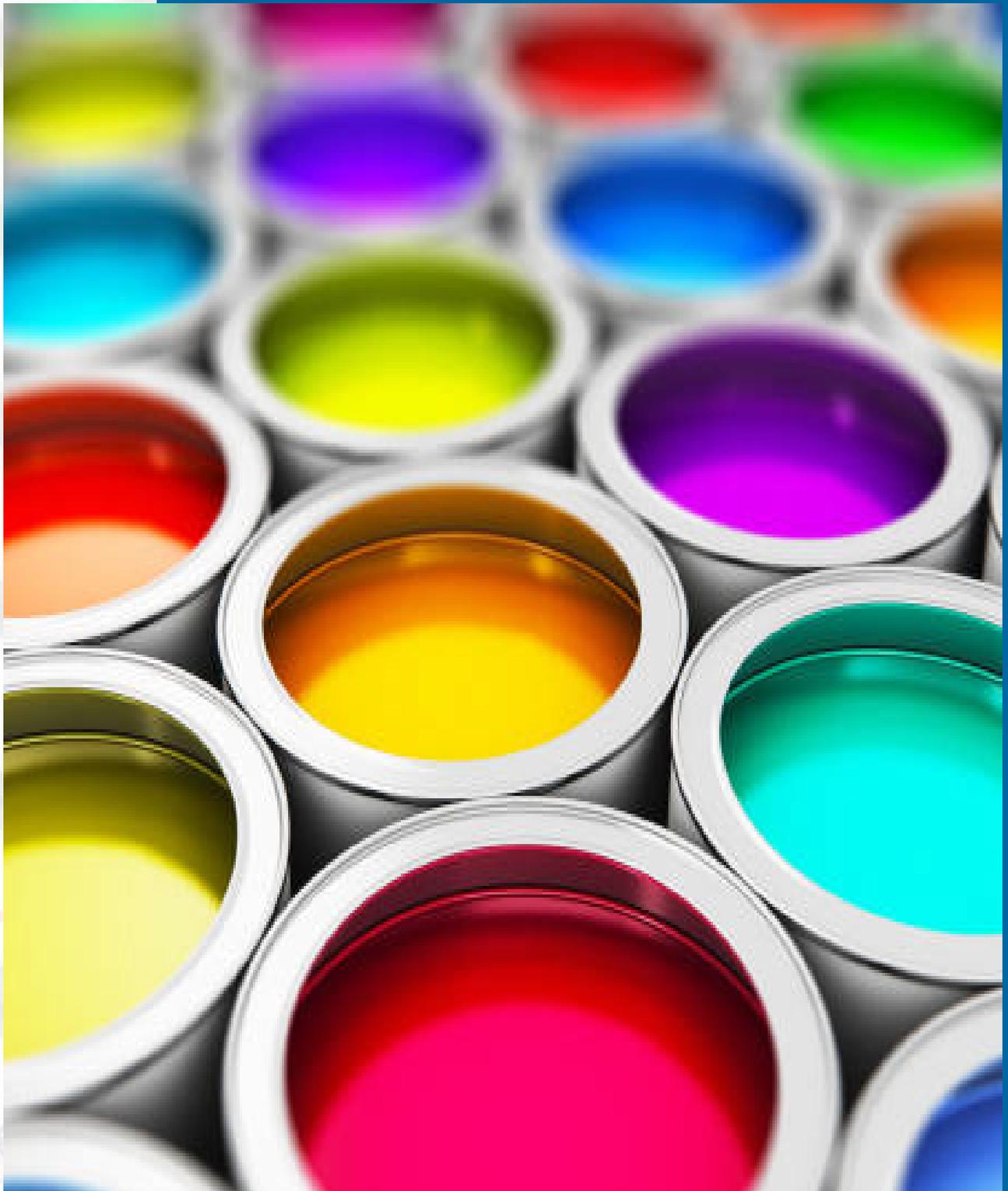


Kimberlite®

Value Proposition of Efficient Chemical Working

**High performance additives for
WATER BASED PAINTS
IN CAN PRESERVATIVE, DISPERSING AGENT, DEFOAMER.**



Email: info@kimberliteindia.com | www.kimberlitechemicals.com

INCAN PRESERVATIVE

The microbial growth in water-based coating systems causes gassing, discoloration, liquefaction, emulsion breakdown, pH variation and odour when stored inside the container. Microbial spoilage can also be the reason for undesired gelling and thinning. Kancide in-can preservative is economically friendly products with highly effective preservation will help you to prevent undesired microbial growth in your products.



Kancide-6902

Active Ingredients	CIT/MIT
Physical Form	Liquid
pH	3-4
Recommended Use Level [%]	0.05 - 0.4%

Kancide-6992

Active Ingredients	CIT/MIT- Formaldehyde
Physical Form	Liquid
pH	3-4
Recommended Use Level [%]	0.05 - 0.4%

Features:

Kancide in-can preservative is a economically friendly product. With highly effective preservation, it will help you to prevent undesired microbial growth in your products.

Application:

Easily incorporated into waterborne systems.

Performance:

Greater resiliency against repeat intrusions of micro-organisms.

Activity:

Broad spectrum of activity against bacteria, yeast, fungi and some algae.

Efficacy:

Demonstrates improved stability and provides faster sanitation.



Note: Optimization of Dosage% depends upon the Product to be protected and the environmental conditions to which it will be exposed.

DISPERSING AGENT

During the pigment grinding agglomerates are associated into a dispersion of particles. In the process of dispersion, Kanflow range of dispersing agent mainly prevents association of pigments and extender particles to get adsorbed onto the pigment particles and hinders close approach of particles which results in good wetting & stabilization of pigment particles, finally results in enhancing paint properties like opacity, tinting strength, gloss.

Kanflow-55

Active Ingredients	Sodium Polyacrylate-30%
Physical Form	Liquid
pH	8.0 -9.0
Recommended Use Level [%]	0.4 – 1.0%

Kanflow-45

Active Ingredients	Sodium Polyacrylate-45%
Physical Form	Liquid
pH	8.0 -9.0
Recommended Use Level [%]	0.4 – 1.0%

Note: Dosage % depends upon Solid & High PVC

Feature:

Kanflow Range of dispersant is ideal for a wide range of water-borne Coatings. It is versatile pigment dispersant for High, Medium & Low PVC paint formulations to provide Excellent Finish & flow of material. Specially formulated for organic and inorganic pigments.

Application:

Compatibility with resins, no flocculation or coagulation, broad application.

Performance:

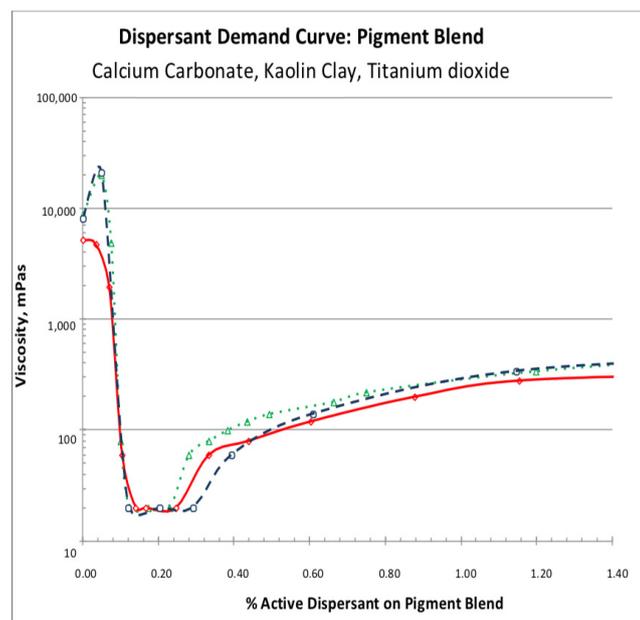
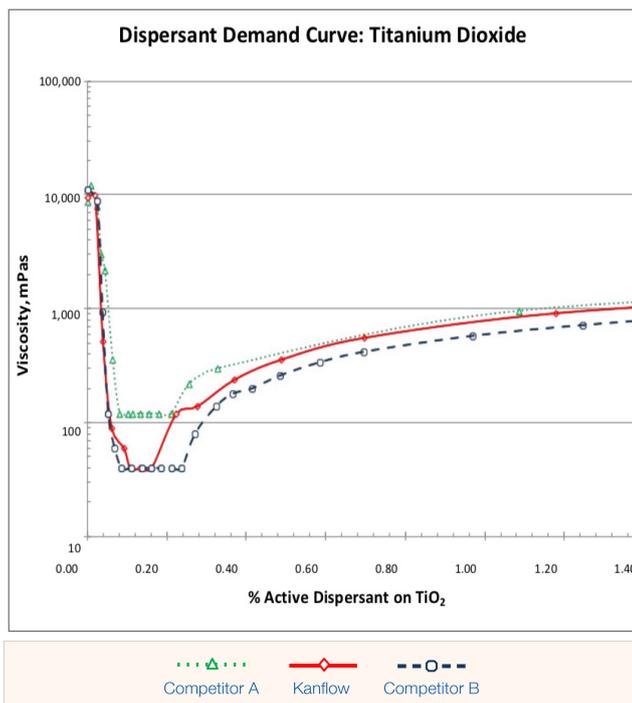
Effective with both organic and inorganic pigments.

Activity:

Reduction of grind viscosity, high pigment content, flowability and Shows good stability to heat.

Efficacy:

Stabilization of the pigments, color strength, gloss with Excellent Finish & flow of material.



Tacelenechem-2024, designed to eliminate foam, pinholes and entrapped air in water-based paints without generating surface defects. A shear-stable defoamer that provides excellent long-term foam control for medium to high pigment volume concentration paints and coatings.

Tacelenechem-2024

Active Ingredients	Silicone Emulsion
Physical Form	Liquid
pH	6.0-8.0
Recommended Use Level [%]	0.1 – 0.5%

Feature:

The primary advantage of silicone defoamers compared with mineral oil defoamers is that they do not affect gloss in high-gloss systems and they have no impact on color paste acceptance when using color pastes.

To obtain crater-free coatings it is important to ensure adequate shear forces when incorporating the defoamer. Very incompatible defoamers need to be added at an early stage to the millbase.



Application:

Eliminate surface defects caused by bubbles.

Performance:

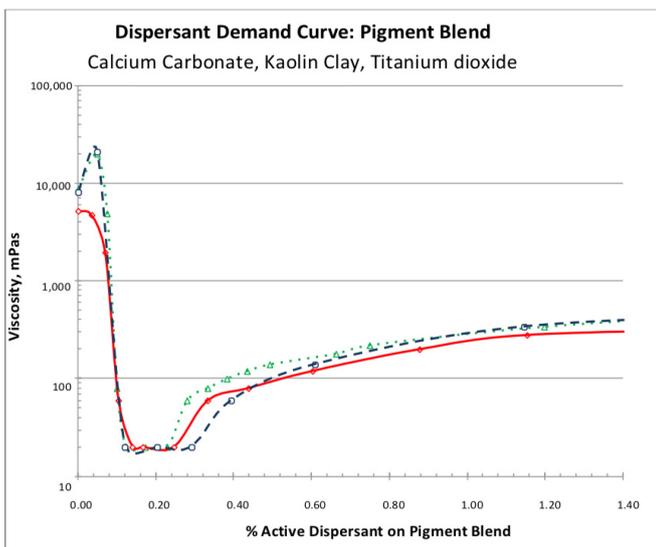
Excellent Dispersion in aqueous Systems & Stable at wide Ph range even at high temperature .

Activity:

For large foaming surfaces, the Defoamer is recommended to be used to ensure Uniform dispersion.

Efficacy:

Demonstrates improved stability and provides faster sanitation.



Bubbling Test

Note: Optimization of Dosage% depends upon the Product to be protected and the environmental conditions to which it will be exposed.