



# CHEMICALS

# VIPOL MEMBRANE CHEMICALS

PROTECT YOUR RO FEEDWATER FROM SCALE, BACTERIAL GROWTH, AND FOULING



Reverse osmosis (RO) membrane performance can be negatively impacted by impurities that build up on the membrane surface during operations. Vipol membrane chemicals can help keep suspended solids, microorganisms, and mineral scale from fouling your membrane elements. These deposits can cause loss in output and/or rejection levels and reduce total system performance. Vipol offers **membrane anti-scalants**, **membrane cleaners**, membrane biological control and membrane **pretreatment chemicals**.

## ELIMINATE SCALE AND REDUCE FOULING IN YOUR MEMBRANE SYSTEMS.

RO systems create salt concentrated water streams that could produce scale or fouling, while “the narrow feedwater channel found in your spiral wound and hollow fiber elements accentuates scaling and fouling”. Vipol’s membrane anti-scalants are a pretreatment program designed to eliminate scale and reduce fouling in membrane systems, regardless of the feedwater source.

**VIPOL**  
MEMBRANE CHEMICALS



## PRODUCTS

- VIPOL 2010 ANTISCALANT
- VIPOL 2050 ANTISCALANT
- VIPOL 300 N MEMBRANE CLEANING CHEMICALS
- VIPOL 900 N MEMBRANE CLEANING CHEMICALS
- VIPOL 800 N MEMBRANE CLEANING CHEMICALS



# FLOCCULANTS - COAGULANTS

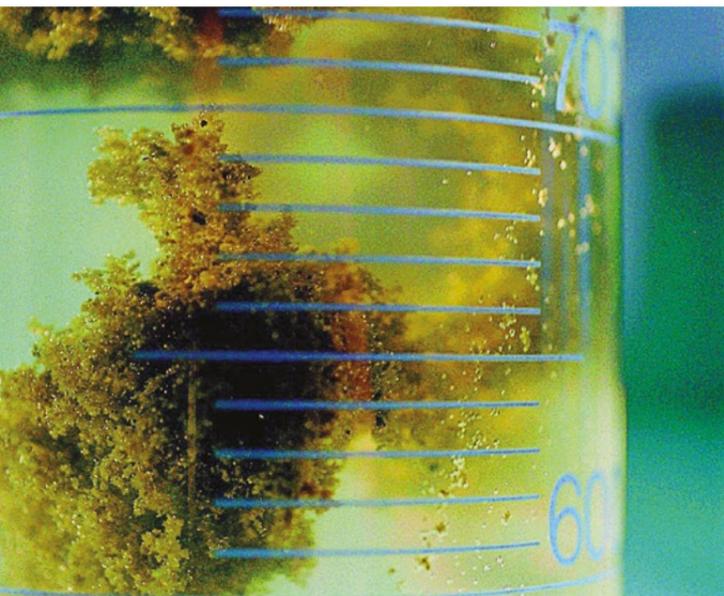
Colloidal particles move according to the overall small size of 1 micron from Brownian motion is the law. This movement is sufficient to prevent the collapse of energy particles across the force of gravity. Thus, the particles may remain suspended for a long time.

Coagulation, reduces repulsion between particles, neutralize or reverse is called the turn provide destabilasyo salt. Most used coagulants mineral salts and organic polymers. Ceyka is supplying flocculants and organic coagulants :



OUR COMPANY GIVES APPROPRIATE COAGULANT AND FLOCCULANT LAB-SCALE JAR TO DETERMINE THE SELECTION AND DOSAGE TESTING SERVICES.

## FLOCCULANT AND ORGANIC COAGULANTS :



- ECOPOL SERIES FLOCCULANTS
- ECOMAC 100 (POLYDADMAC)
- ECOMIN 800 (POLYAMINE)
- ECOREN (DECOLORIZING)
- ECOMET (HEAVY METAL NEUTRALIZER)



# DEFOAMERS

Defoamer for water and wastewater treatment plants that are produced in a variety of formulations are used in the paper, textiles, metal and chemical industries.

## ECOFOAM 100

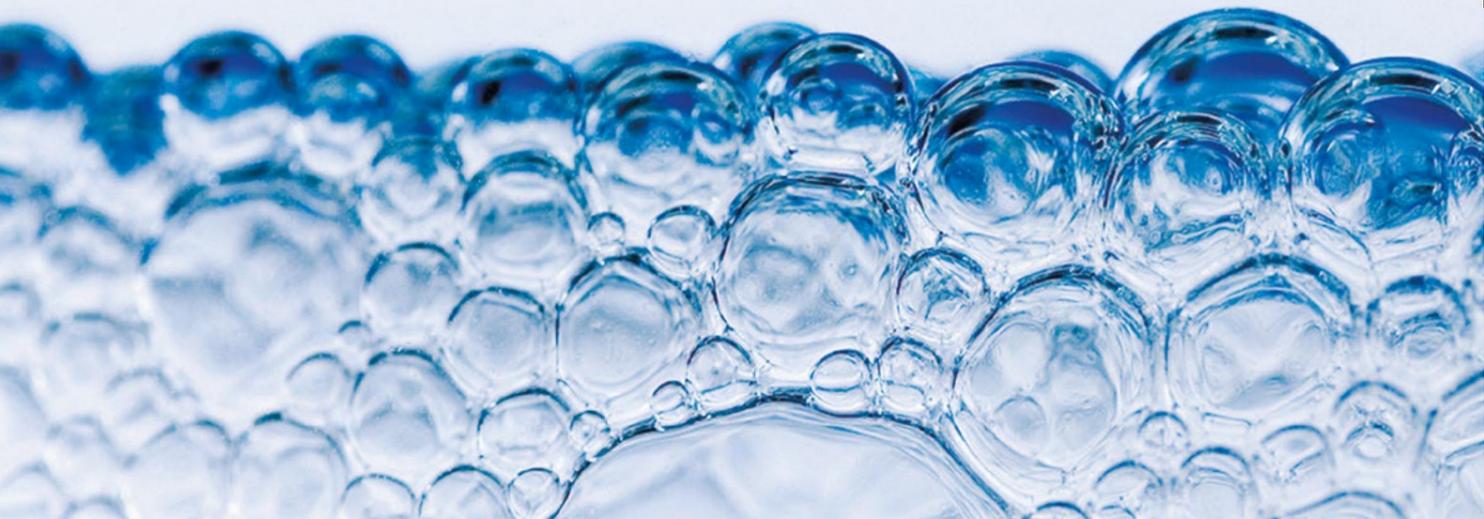
Chemical Structure: Hydrocarbons and emulgators mixtures.  
Introduction: Oil-based defoamers

## ECOFOAM 500

Chemical Structure: Hydrofob silan structure  
Introduction: Silicone based defoamer.

## ECOFOAM 700

Chemical Structure: Fatty alcohols is a mixture of ethers and esters.  
Introduction: Oil based defoamers alcoholate.



# MAINTENANCE CHEMICALS



- **INDUSTRIAL CLEANERS**
- **SURFACE TRETMENT CLEANERS**
- **INDUSTRIAL DISINFECTANTS**

# ALGAECIDES

## QUALITY PRODUCTS FOR WATER QUALITY

Algae are small organisms which spread rapidly through flowing water, wind or on living organisms. Once in a pond, algae can cause cloudy water, a scum on the water surface, and/or thick mats that may be both underwater and floating on the water's surface. Ceyka offers a variety of algaecides which vary in type of algae controlled, active ingredient, use sites, formulation, application rate, water use restrictions, dilution requirements, permit requirements and product registration and availability.



Chemical control is the most common and versatile management strategy for controlling nuisance aquatic plants. Our algaecides and aquatic herbicides, when applied at label rates, will not disrupt the ecological balance and often can be used to restore ecological balance. These products will degrade or become deactivated in a relatively short period after controlling target plants and will not build-up in the fish food chain.



# SOLIDIF

## MEDICAL AND WASTE LIQUID SOLIDIFIER



### SAFE. FAST. CONVENIENT.

SOLIDIF is the premier solidifier of liquid medical or garbage waste. It allows healthcare personnel to solidify waste without compromising the integrity of the closed-suction system, for increased safety, convenience and accuracy.



Solidifies as the procedure is completed – no waiting!

Continues to solidify for up to 48 hours as new fluid is introduced.

Can be used for both large and small fluid volumes.



# CEYKA KİMYA SANAYİ VE DIŐ TİC. LTD. ŐTİ.

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