



Eco
Friendly

The Thriving Industry

About us

RIKEM is manufacturer and supplier of Quality Assured water treatment chemicals to a wide range requirement of end consumers, including Pharmaceuticals, food and Beverages, Power Plant, Oil field, Paper industries etc.

We at RIKEM manufacture and supply all type of Laboratory Grade chemicals & Pure Grade Water Treatment Chemicals like Disinfectant RO, UF, EDI Operating and maintenance chemicals. We are serving in this industry in last 15 years with our technical sound experience and strict & high quality standards and we offer complete quality assurance for our products. Competitive and fair pricing, sales after services are the positive points of our organization.

PRODUCT RANGE:

RO Operation & Disinfectants Chemicals

Application	Product Name	Product Code	Grade	Product Code	Grade
Chlorination Chemical	Sodium Hypochlorite	RIKEM-63	LR	RIKEM-73	CP
De-Chlorination Chemical	Sodium Meta Bi-sulphite	RIKEM-82	LR	RIKEM-72	CP
RO Antiscalent	Sodium Hexa Meta Phosphate	RIKEM-83	LR	RIKEM-93	CP
	SP.RO Antiscalent	RIKEM-65	Food Grade	RIKEM-75	CP
	Acidic Antiscalent	RIKEM-81	Food Grade	RIKEM-71	CP
	Silica Antiscalent	RIKEM-85	Food Grade	RIKEM-95	CP
PH -Correction Chemicals	Sodium Hydroxide (Powder)	RIKEM-84	LR	RIKEM-74	CP
	HCL	RIKEM-87	LR	RIKEM-77	CP
	High PH Correction - Liquid	RIKEM-52	CP	RIKEM-52	CP
Disinfection & Cleaning Chemicals	Sodium Chlorite	RIKEM-86	CP	RIKEM-76	CP
	Citric Acid	RIKEM-89	LR	RIKEM-79	CP
	Sodium Chloride	RIKEM-90	LR	RIKEM-80	CP
Sanitization	RO & EDI Sanitization	RICARE-88	CP	RICARE-88	CP



Why Choose US ?

RIKEM is a leading supplier of High Quality chemicals in Pharma and Food & Beverages Industries. we ensure that all our products are of the highest quality.

OUR VISION:

Innovation, Quality, Prompt Service, on Time Delivery.

OUR MISSION

To exceed customer high expectations by delivering the High Quality Product with Quality -Swift-Services.

Quality Policy

Aimed at delivering value and achieving complete customer satisfaction.

Core Strengths

Expertise is in manufacturing High Quality Products.

Our Value

Customers are our highest priority since they are the cause and inspiration of the products.





Chlorination Chemicals.

PRODUCT NAME : SODIUM HYPOCHLORITE SOLUTION
PRODUCT CODE : RIKEM - 63
CAS NO : 7681-52-9
Mol. Formula : NaClO
Mol.WT : 74.4

Application:
 RIKEM 63 is formulated for use in the control of microorganism in RO system. It inhibits Microorganism effectively in the pretreatment of RO systems.

Advantages
 •Increase system efficiency
 •Minimize repair and maintenance costs
 •Decreases the RO system cleaning frequency for bio-fouling
 •Easy to feed and monitor

Specification
 Description : Pale yellow Liquid
 Available Chlorine: Approximately 10-12 %



De Chlorination Chemicals.

PRODUCT NAME : SODIUM META BI SULPHITE
PRODUCT CODE : RIKEM -82
CAS NO : 7681-57-4
Mol. Formula : Na2S2O5
Mol.WT : 190.11

Application
 RIKEM -82 is one of the principal chemical used by the industry for the effective de- chlorination in the pretreatment of reverse osmosis systems. RIKEM -82 is an excellent chemical suggested for membrane systems for removal of free chlorine.

Advantages
 • Highly effective de-Chlorination
 • Eliminates FRC - increased membrane life
 • Low dose rate gives a cost effective application
 • Compatible with all membrane types

Specification
 Description : White to off white to light yellow solid
 PH : 3.50 - 4.80
 Assay by RT (w/w%) : 97 - 98 %

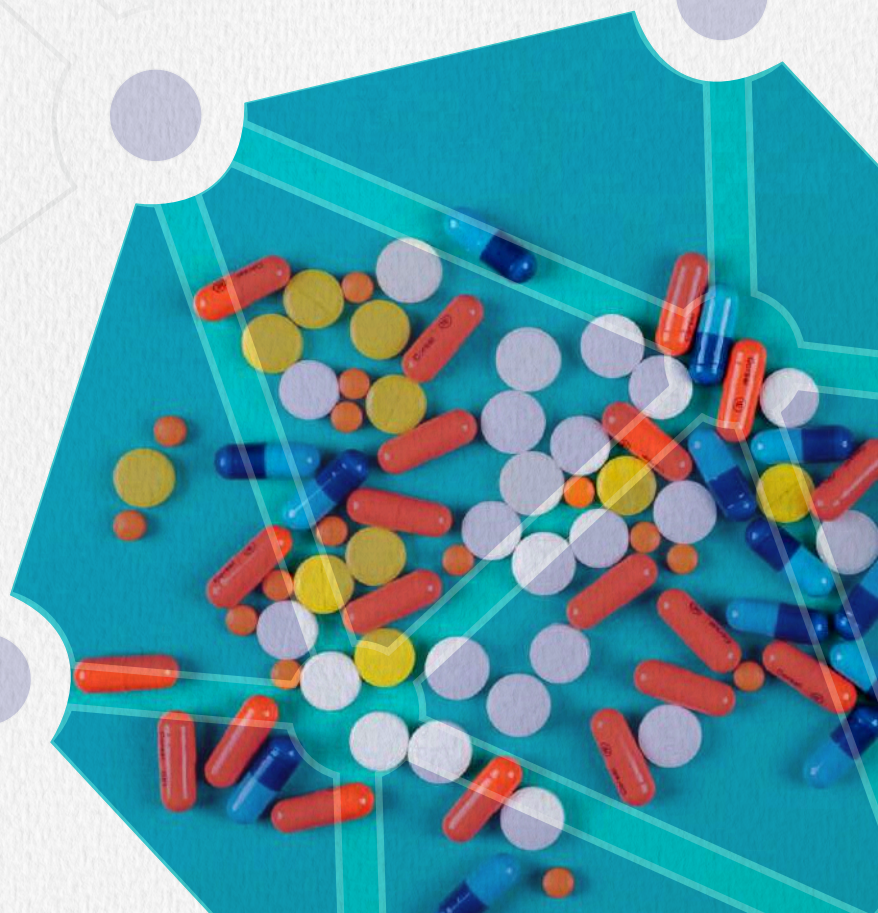


Product : Rikem - 63 & 73

PRODUCT CODE	RIKEM -63	RIKEM-73
QTY	25	50
UNIT	KGS	KGS
PACKING	CARBOY	CARBOY
PHYSICAL FORM	LIQUID	LIQUID
GRADE	LR GRADE	CP GRADE

Product : Rikem - 82 & 72

PRODUCT CODE	RIKEM -82	RIKEM-72
QTY	50	50
UNIT	KGS	KGS
PACKING	DRUM	DRUM
PHYSICAL FORM	POWDER	POWDER
GRADE	LR GRADE	CP GRADE



RO ANTISCALANT

PRODUCT NAME : SODIUM HEXA META PHOSPHATE
PRODUCT CODE : RIKEM -83
CAS NO : 10124-56-8
Mol. Formula : $(\text{NaPO}_3)_6$
Mol.WT : 611.78

Application
RIEKM -83 is an effective antiscalant for Reverse Osmosis Membrane System using low hardness water as feed water. RIKEM-83 is effective against Calcium Carbonate deposition and fouling. It is also an effective inhibitor for calcium and other scale formation salts when used along with Acid.

Advantages

- Effective calcium Carbonate antiscalant in low hardness water
- Liquid product, safe and simple to handle
- Effective when used along with Acid
- Compatible with all membrane types

Specification

Description : White to off white to light yellow solid

Assay : 67 – 68 %

Product : Rikem – 83 & 93

PRODUCT CODE	RIKEM – 83	RIKEM – 93
QTY	50	50
UNIT	KGS	KGS
PACKING	DRUM	DRUM
PHYSICAL FORM	POWDER	POWDER
GRADE	LR GRADE	CP GRADE



RO ANTISCALANT

PRODUCT CODE : RIKEM -65
CAS NO : NA
Mol. Formula : Blended Phosphonates and selective Molecular weight Poly Acrylate
Mol.WT : NA

Application
RIKEM-65 is one of the principal anti-scalant used by the membrane industry. RIKEM-65 is an excellent anti-scalant and anti-foulant suggested for membrane systems using a wide selection of brackish, high saline and treated effluent as feed-waters.

RIKEM-65 can help to maintain membrane performance by minimizing precipitation of damaging salts. There are many recorded instances where RIKEM-65 has allowed systems to operate satisfactorily with enhanced levels of silica. Generally used with silica levels in the reject less than 150 mg/l.

Advantage

- Highly effective anti-scalant/ anti-foulant across a broad spectrum of waters.
- Minimizes scaling and reduces the frequency of membrane cleaning.
- Will reduce, and usually replace the need for acid addition.
- Low dose rate gives a cost effective application.
- Compatible with all membrane types.
- Effective iron sequestrates as well as Barium and strontium salts.
- Enable system to work at enhanced rate of recovery.

Product : Rikem – 85 | 65 | 81

PRODUCT CODE	RIKEM -85	RIKEM-65	RIKEM-81
QTY	25	25	25
UNIT	KGS	KGS	KGS
PACKING	CARBOY	CARBOY	CARBOY
PHYSICAL FORM	LIQUID	LIQUID	LIQUID
GRADE	FOOD GRADE	FOOD GRADE	FOOD GRADE





PH Correction Chemicals

PRODUCT NAME : SODIUM HYDROXIDE
PRODUCT CODE : RIKEM -84
CAS NO : 1310-73-2
Mol. Formula : NaOH
Mol.WT : 40

Application
RIKEM -84, inorganic chemical treatment program suggested use as a pH Booster in second Pass Reverse osmosis water treatment plants especially in industrial applications for pH Correction.
RO product water is slight acidic in nature so pH correction require before Second pass RO.to maintain second pass RO product pH.

Specification
Description : White Deliquescent
Flakes
Assay : 96 - 97 %

Product : Rikem - 84 & 74

PRODUCT CODE	RIKEM-84	RIKEM-74
QTY	50	50
UNIT	KGS	KGS
PACKING	DRUM	DRUM
PHYSICAL FORM	FLAKES	FLAKES
GRADE	LR GRADE	CP GRADE



PH Correction Chemicals

PRODUCT NAME : HYDROCHLORIC ACID
PRODUCT CODE : RIKEM - 87
CAS NO : 7647-01-0
Mol. Formula : Hcl
Mol.WT : 36.46

Application:
RIKEM-87 inorganic chemical treatment program suggested use as a pH Reducer in reverse osmosis water treatment plants especially in two stage RO system.

Specification
Description : Clear Colorless fuming
liquid
PH : Acidic
SPG : 1.10 to 1.20

Product : Rikem - 87 & 77

PRODUCT CODE	RIKEM-87	RIKEM-77
QTY	40	40
UNIT	KGS	KGS
PACKING	CARBOY	CARBOY
PHYSICAL FORM	LIQUID	LIQUID
GRADE	LR GRADE	CP GRADE



Sanitization & Cleaning Chemicals

PRODUCT NAME : Disinfection Agent
PRODUCT CODE : RICARE - 88
CAS NO : NA
Mol. Formula : Blended acidic Disinfectant
Mol.WT : NA

Application
RICARE-88 shows superior efficacy when used as disinfectant for water system (Reverse Osmosis). It's extremely effective against broad spectrum microbial activity.

Ricare-88 is safe to use, environment friendly. It leaves no toxic residues and does not produce aldehyde vapours. It decomposes in nontoxic way. It is sterilant, sporicidal, Bacteriocidal, virucidal, fungicidal.

Specification
Description : Colorless Liquid
PH : < 2.00
Sp.Gravity : 0.99 to 1.15

Product : Ricare - 88

PRODUCT CODE : RICARE - 88
QTY : 10
UNIT : LITER
PACKING : CARBOY
PHYSICAL FORM : LIQUID
GRADE : CP GRADE



Disinfection Chemicals

PRODUCT NAME : SODIUM CHLORITE
PRODUCT CODE : RIKEM -86
CAS NO : 7758-19-2
Mol. Formula : NaClO₂
Mol.WT : 90.44

Application
RIKEM -86 treatment program suggested use as an aqueous solution. Chlorite / acid process produces a chlorine-free chlorine dioxide solution.

Specification
Description : Clear colorless to Greenish Yellow Liquid
Assay : 7.50 % & 25%

Product : Rikem - 86 & 76

PRODUCT CODE	RIKEM-86	RIKEM-76
QTY	50	50
UNIT	KGS	KGS
PACKING	CARBOY	CARBOY
PHYSICAL FORM	LIQUID	LIQUID
GRADE	CP GRADE	CP GRADE



Cleaning Chemicals

PRODUCT NAME : SODIUM CHLORIDE
PRODUCT CODE : RIKEM - 90
CAS NO : 7647-14-5
Mol. Formula : NaCl
Mol.WT : 58.44

Application
RIKEM-90 suggested use as a EDI cleaning chemicals. Since ion exchange resins are most stable in the salt (exhausted) form, at some point in cleaning and sanitizing an EDI system, the ion exchange resin may need to be completely exhausted. This is done by using a sodium chloride solution made up of high purity salt.

Specification
Description : White Crystals or Crystalline powder
Assay : 99 %

Product : Rikem - 90 & 80

PRODUCT CODE	RIKEM-90	RIKEM-80
QTY	50	50
UNIT	KGS	KGS
PACKING	DRUM	DRUM
PHYSICAL FORM	POWDER	POWDER
GRADE	LR GRADE	CP GRADE



Cleaning Chemicals

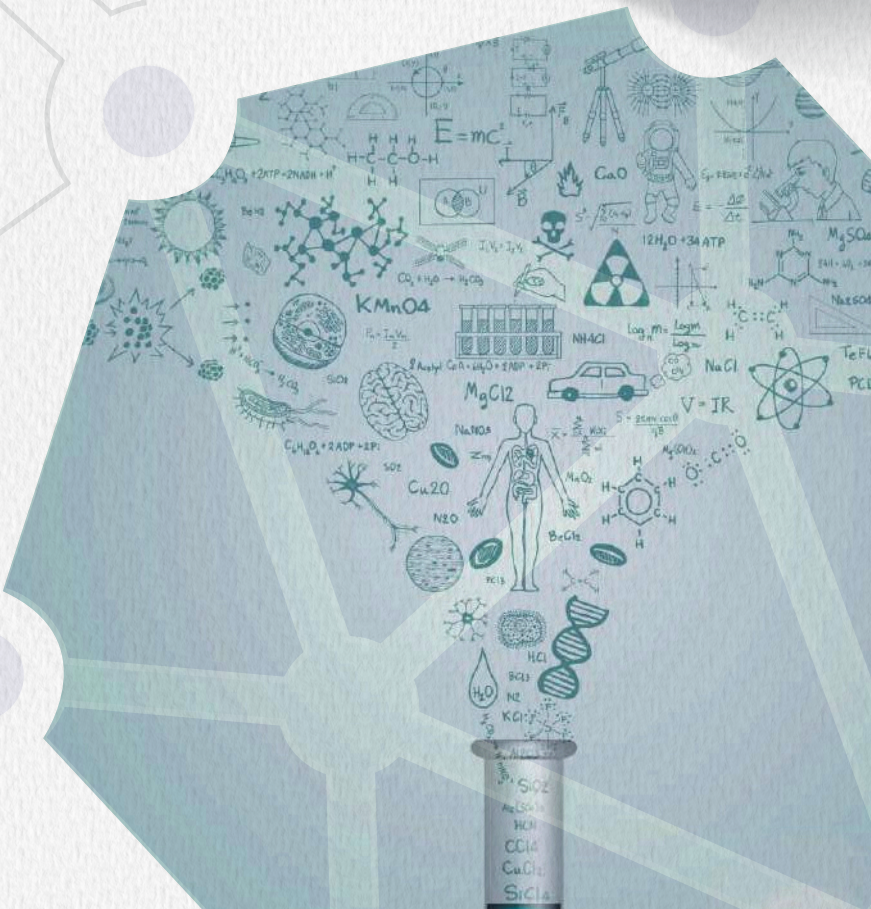
PRODUCT NAME : CITRIC ACID
PRODUCT CODE : RIKEM - 89
CAS NO : 77-92-9
Mol. Formula : $C_6H_8O_7$
Mol.WT : 192.13

Application
RIKEM-89 inorganic chemical treatment program suggested use as a membrane cleaning chemicals for inorganic scaling and fouling removal.

Specification
Description : Colorless crystals or white crystalline Powder
Assay : 99 %

Product : Rikem - 89 & 79

PRODUCT CODE	RIKEM-89	RIKEM-79
QTY	25	25
UNIT	KGS	KGS
PACKING	DRUM	DRUM
PHYSICAL FORM	POWDER	POWDER
GRADE	LR GRADE	CP GRADE





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