

# PRODUCT LIST

*Chemistry, Bonds with Passion*



Established in mid-2011, PT STARIS CHEMICALS has set up full strength to capture opportunities and creating needs as a specialty chemicals distributor and importer.

With strong, experienced and dedicated team, PT STARIS CHEMICALS perpetually keeps providing the best to support the company growth, gaining trust from the principals and offering adding value products/services to the customers.

As an integral part of Aik Moh Paints and Chemicals Pte Ltd whom is a leading regional chemicals distributor and services company, PT STARIS CHEMICALS vibrantly strives to complete her product lines, market/industry coverage and create more value to be the partner of growth for the both customers and principals.

## OILFIELDS CHEMICALS

### INHIBITOR

The production, separation and purification of crude oil and gas constitute a complex task that needs to be achieved not only safely but also quickly, economically, and in compliance with the regulatory restrictions of the operator's environment. Advances in understanding the characteristics of produced fluids, improvements in engineering design and materials science, as well as a greater appreciation of the mechanisms and conditions that promote production problems have all led to immense strides forward in the scale and speed of production.

Our inhibitor product line for production applications includes asphaltene inhibitors, paraffin control, corrosion inhibitors, and scale inhibitors.

	Manufacturer	Product Name	Product Group	Type
INHIBITOR	Akzo Nobel	ARMOHIB™ AL-1000	Asphaltenes Inhibitor	Paste, soluble with Isopropanol, Benzene and mineral oil.
	Akzo Nobel	ARMOHIB™ PC 105	PPD	Copolymer inhibitor/crystal modifier
	Akzo Nobel	ARMOHIB™ PC 150	PPD	Proprietary blend
	Akzo Nobel	ARMOHIB™ CI-28	Corrosion Inhibitor	Efficient low dosage formulation, proprietary surfactant blend
	Akzo Nobel	ARMOHIB™ 209	Corrosion Inhibitor	Tall oil imidazoline
	Akzo Nobel	DUOMEEN T	Corrosion Inhibitor	Diaminopropane
	Akzo Nobel	ETHODUOMEEN™ T/13	Corrosion Inhibitor	Ethoxylated fatty amine blends
	Akzo Nobel	ETHOMEEN T/12	Corrosion Inhibitor	Ethoxylated tallowalkylamines
	Akzo Nobel	ETHOMEEN C/12	Corrosion Inhibitor	Ethoxylated cocoalkylamines
	Akzo Nobel	VERSA TL 3	Scale Inhibitor (Iron Scale)	Sulfonated styrene copolymer

PT Staris Chemicals (Part of Aik Moh Group of Companies)

BSD City , Kompleks Ruko Bidex Blok G No. 21, Jl. Raya Pahlawan Seribu , Lengkong Gudang - Serpong

Tangerang Selatan 15311 – INDONESIA Website: [http:// www.starischemicals.com](http://www.starischemicals.com); [http:// www.alkmoh.com.sg](http://www.alkmoh.com.sg)

Tel: (62) 21 2951 3606, 2951 4016 Fax: (62) 21 5316 4431 Email: [sales@starischemicals.com](mailto:sales@starischemicals.com)

# PRODUCT LIST

Chemistry, Bonds with Passion



## DEMULSIFIER

Due to the high throughput requirement of most oilfield separation systems, gravity separation of the emulsions is insufficient, particularly if the relative gravitational difference between hydrocarbon and water is negligible – e.g., steam-assisted gravity drainage (SAG-D). Therefore, assistance is required to achieve satisfactory throughput.

To reach the surface of the emulsified water droplets, the demulsifier blend must have the right solubility. The chemical demulsifier is attracted to the emulsifying agent through differences in polarity. Another useful guide in formulation is the Relative Solubility Number (RSN), which helps eliminate some of the trial-and-error involved in formulating demulsifier blends. The value assigned to each product indicates its relative solubility in water. As the numerical value increases, water solubility increases. Generally, products with a solubility number below 13 are insoluble in water. Products with solubility between 13 and 17 are dispersible in water at low concentrations and form gels at high concentrations. Products with values of 17 and above are completely water-soluble.

DEMULSIFIER	Manufacturer	Product Name	Type
	Akzo Nobel	WITBREAK™ DRC 163	RSN 14.9, Resin Oxyalkylate
	Akzo Nobel	WITBREAK™ DRC 164	RSN 12.5, Resin Oxyalkylate
	Akzo Nobel	WITBREAK™ DRC 168	RSN 20.5, Resin Oxyalkylate
	Akzo Nobel	WITBREAK™ DRC-232	RSN 14.3, Resin Oxyalkylate
	Akzo Nobel	WITBREAK™ DRI 9026	RSN 5.7, Diepoxide
	Akzo Nobel	WITBREAK™ DRI 9030	RSN 7.5, Polyacrylate
	Akzo Nobel	WITBREAK™ DRI 9037	RSN 7.8, Polyacrylate
	Akzo Nobel	WITBREAK™ DRM-9510	RSN 7.9, Polyacrylate
	Akzo Nobel	WITCONATE™ 708	
	Akzo Nobel	PETRO IPSA LIQUID™	Alkylaryl Sulfonate, slug treater.

## Others

Others	Manufacturer	Product Name	Product Group	Type
	Akzo Nobel	AROMOX APA-TW	Visco Elastic Surfactant	Tallowalkylamidopropyl-dimethylamine oxides
	Akzo Nobel	ARQUAD 2HT-75	Oil-Based Mud Additives	Palm-based hydrogenated methylamines
	Akzo Nobel	NARLEX D72	Water-Based Mud Additives	Sulfonated styrene maleic acid copolymer. Powder, low molecular weight polymeric, high charge density.
	Momentive	SAG-7133	Antifoam	Silicon
	Local	TEG	Glycol	Triethylene Glycol
	Local	MEG	Glycol	Monoethylene Glycol

© 2018 PT Staris Chemicals (Indonesia). To the extent the user is entitled to disclose and distribute this document, the user may forward, distribute and/or photocopy this copyright document only if unaltered and complete, including all of its headers, footers, disclaimers and other information. We do not represent, warrant or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage, or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. There is no endorsement or any product or process and we expressly disclaim any contrary implement.

We obtain our supplies of Adsee™, Agrilan™, Alcosperse™, Aquatreat™, Armid™, Armohib™, Arquad™, Bero™, Dissolvine™, Duomeen™, Ethoduomeen™, Ethomeen™, GT™, Morwet™, Petro™, Sponto™, Witbreak™, Witcamine™, Witcolate™, Witcomul™, Witconate™, Witconic™, and Witconol™ products from Akzo Nobel. We obtain our supplies of Antifoam SAG™ and Silbreak™ products from Momentive Performance Materials.

The trademark product names are trademarks of the respective chemical manufacturer which Staris Chemicals resells. The terms, "we", "our", "Staris Chemicals" are used for convenience and may include any one or more of Staris Chemicals or any affiliates they or indirectly steward.

PT Staris Chemicals (Part of Alk Moh Group of Companies)

BSD City , Kompleks Ruko Bidex Blok G No. 21, Jl. Raya Pahlawan Seribu , Lengkong Gudang - Serpong  
Tangerang Selatan 15311 – INDONESIA Website: [http:// www.starischemicals.com](http://www.starischemicals.com); [http:// www.alkmoh.com.sg](http://www.alkmoh.com.sg)  
Tel: (62) 21 2951 3606, 2951 4016 Fax: (62) 21 5316 4431 Email: [sales@starischemicals.com](mailto:sales@starischemicals.com)