

ACME

CHEMICALS
MALAYSIA
SDN BHD



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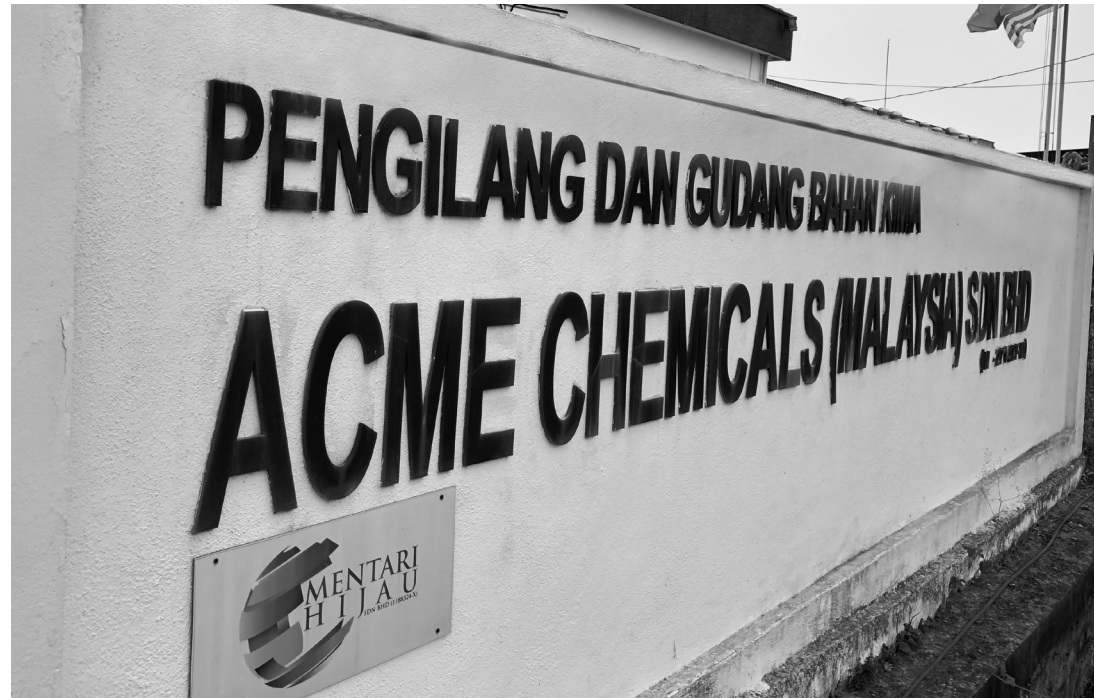
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01

INTRODUCTION





COMPANY BACKGROUND

Acme Chemicals (Malaysia) Sdn Bhd was incorporated in 1993 as the Malaysian subsidiary of Acme Chemicals (Far East) Pte Ltd, a regional specialty chemical trading house based in Singapore. The companies were representing reputable chemical producers from the US, Europe and Japan with focus on water treatment, oil & gas and petrochemical, paper-making and other industrial markets.

In 2012, with the change of shareholding structure and management, Acme Chemicals (Malaysia) Sdn Bhd ventured into oilfield chemical formulation and manufacturing. Today, Acme Chemicals (Malaysia) Sdn Bhd is a diverse company involved in the formulation, manufacturing and provision of specialty chemicals in various industries including oil and gas exploration, production, refining and petrochemicals, municipal and industrial water treatment, general plant maintenance and mining. We are also involved in mobile environmental services with the provision of our mobile effluent treatment services.

With the support of reputable multinational principals, Acme Chemicals also offers SEMI grades chemicals for the electronic, semiconductor and solar cell industries.

WHO ARE WE

From board of directors to members of the management team, Acme Chemicals is a group of seasoned chemists and chemical engineers with experience ranging from 10 to 40 years in the specialty chemical industries. Most of our directors are former captains of multinational chemical companies in Asia Pacific, taking with them not only business knowledge, but also product synthesis and manufacturing technologies to the customers. Combining international knowledge with local experience, we deliver promise of solutions across the cultural boundaries.



02 INDUSTRIES WE SERVE

OIL AND GAS EXPLORATION AND PRODUCTION

- Specialty drilling mud additives for SOBM and WBM
- Wellbore clean up surfactant and mud cake remover
- Production and integrity chemicals
- Viscoelastic surfactant diverted acid system
- Chelate based stimulation chemicals to replace HCL and mud acid
- Nano emulsion surfactants for formation damage treatment
- Gas foamers
- Water diverter



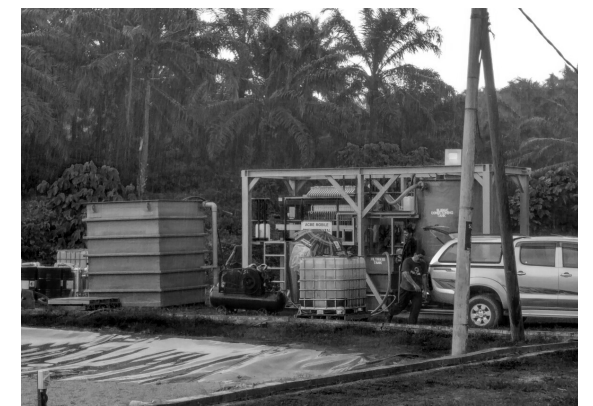
OIL REFINING AND PETROCHEMICALS

- Process system decontamination chemicals
- Non-hazardous and non-polluting descaling and degreasing chemicals
- Mobile effluent treatment and water reuse system and services
- Sludge dewatering and disposal minimization
- Phenol and mercury treatment
- Soil remediation



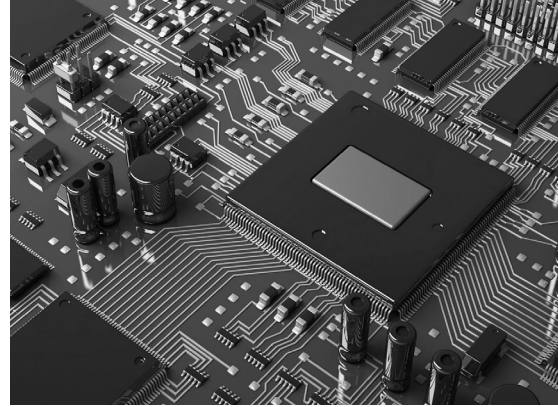
WATER TREATMENT

- Custom blended coagulants and flocculants
- Organic adsorption media
- Portable water treatment plants



ELECTRONIC, SEMI CONDUCTOR AND SOLAR

- High purity acids and alkalis
- High purity solvents and cleaners
- Diluted acids and formulated products



MINING

- Chemicals processes and reagents for recovery of gold from refractory ores



MANUFACTURING SERVICES

- Oilfield chemicals OEM and blending services
- Water treatment chemicals OEM and blending services
- Emulsion polymerization products - water soluble and oil soluble
- Nano particles slurry and emulsion products



03 CAPABILITIES





MANUFACTURING CAPABILITIES

- Facilities : 45,000 ft2 covered factory space for chemical reaction, blending and warehousing near Port Klang, Malaysia
- Emulsion Polymerization : 1 MT reaction vessel with auxiliaries
- Blending : 1 unit 25 MT stainless steel vessel, 1 unit 12 MT stainless steel vessel with explosion proof mixer and 2 units of 12 MT stainless steel reaction vessel equipped with heating and cooling jacket
- 1 MT Dry powder blending unit
- Laboratory: 2,000 ft2 fully equipped drilling mud, acidizing, pre-production, quality assurance and application testing laboratory
- Zero discharge system
- ISO 9001:2015 certified by SGS
- ISO14001:2015 by CU

LAB EQUIPMENT FACILITIES

- Fann lubricity tester
- Fann mud viscometer
- Fann roller oven
- Fann HPHT and atmospheric fluid loss meter
- Fann electrical stability tester
- pH meters
- Brookfield viscosity meter
- SETA closed cup flash point tester
- Pycnometer and hygrometer
- ASTM corrosion cell with potentiostat and software
- Mud balance
- Solid pycnometer
- Retort kit
- Hamilton beach mixer
- Silverson mixer
- Robinson centrifuge
- Gardner colour comparator
- Sonicator
- Gas pycnometer



04 OUR PRODUCTS

ACIDIZING CHEMICALS

- Mud acid replacement
- Emulsified self diverting acid system
- Viscoelastic self diverting acid system for temperatures up to 350oF
- pH sensitive self diverting acid system
 - Acid corrosion inhibitor
- Corrosion inhibitor intensifier
 - Iron control agent
 - Iron chelating agent
 - Viscoelastic surfactant
 - Amphoteric surfactant
 - Mutual solvent
 - Foamers
- Hydrogen sulphide scavenger
- Barium sulphate descaler
 - Enzymatic breaker
 - Non-emulsifier
 - Acid Emulsifier
 - Friction reducer
- Anti - sludging agent
 - Water diverter

MAINTENANCE CHEMICAL

- Non Acid Descaler
- Mercury and hydrocarbon decontamination
- H2S and pyrophoric iron remover

WASTEWATER TREATMENT

- Organic adsorption media
- Phenol and mercury adsorption media

DRILLING MUD ADDITIVES

- Formulated primary emulsifier
- Formulated secondary emulsifier
- Formulated oil wetting agent
- Rheology modifier
- OBM viscosifier
- HPHT fluid loss control agent (>450of)
- OBM drilling detergent
- Biodegradable WBM lubricant
- Amine-based corrosion inhibitor
- Mud cake remover
- Pipe release agent
- PHPA - powder and liquid
- PHPA thinner
- Cellulose-based LCM

PRODUCTION CHEMICALS

- Crude specific emulsifier and sludge breaker formulation
- Crude specific PPD and wax inhibitor formulations
- Paraffin dispersant
- Water dispersible corrosion inhibitor
- Oil soluble water dispersible corrosion inhibitor
- Wet gas corrosion inhibitor
- Oil soluble corrosion inhibitor
- Carbonate scale inhibitor
- Barium and strontium scale inhibitor
- Biocides
- Kinetic hydrate inhibitor (KHI / LDHI)
- Hydrogen sulfide scavenger
- Pipeline degreaser
- Pipeline preservation cocktail and tracer dye
- Water food treatment chemicals
- Asphaltene point depressant
- Alkaline descaler for carbonate, sulfate and barium sulfate scales



WATER AND WASTE WATER TREATMENT

We offer complete customized solutions to your municipal and industrial water treatment needs. Based on our technical surveys, we will formulate chemical programs that will suit your technical requirements and commercial expectations. Our range of customized solutions include programs and products for potable water treatment, municipal sewage treatment, industrial wastewater treatment, ultra pure water treatment, cooling water treatment and boiler water treatment.

PRODUCTS	APPLICATION
Organic & custom blended coagulants	Raw and wastewater treatment, in-progress application
Cationic, anionic, nonionic flocculants	Liquid-solid separation and dewatering
Portable wastewater treatment plant	Plant upset, shutdown, turnaround, tertiary treatment
Organic and heavy metal adsorption media and system	Tertiary treatment, selected contaminant removal

SEMICONDUCTOR GRADE CHEMICALS

With the support of major multinational electronic and semiconductor chemical manufacturers, our trading activities now include SEMI Grade 1 and Semi Grade 2 chemicals to both semiconductor and solar cell manufacturing companies in Malaysia.

We are offering high and consistent quality products with the necessary technical and logistical supports at very competitive prices. Our long-term plan for these range of products is to set up clean room certified repackaging facilities supported by a state of the art QA/QC laboratory.

Among the products that we supply (SEMI Grade 1 and Grade 2 chemicals) are:

- Hydrofluoric acid 49%
- Nitric acid
- Hydrochloric acid
- Phosphoric acid
- Diluted HF solutions 300:1
- Isopropyl alcohol
- Acetone
- Hydrogen peroxide
- Ammonium hydroxide
- Potassium hydroxide
- Hexamethyldisilazane (HMDS)



05 NEW TECHNOLOGIES

GENERAL TRADING

Carrying on our traditional business as a local extension of our multinational principals, we carry inventories of the following specialty chemicals to serve the industries:

- Anti-static Agent
 - Surfactant
- Specialty Solvent
- Inorganic and Organic Chemical



ENVIRONMENTAL SOLUTIONS

- Waste oil recovery and treatment
- Sludge oil recovery and treatment
- Sludge oil and waste oil treatment
 - Water removal
 - Salts, metal shaving and heavy metal removal
 - Organic and inorganic solid removal
 - Paraffin and asphaltene inhibition
 - Viscosity reduction and pour point reduction enhanced with graphene oxide



NANO EMULSION FLOW IMPROVER

- Winterized Paraffin and asphaltene inhibition
- Winterized Paraffin and asphaltene enhancement with graphene oxide



FORMATION DAMAGE REMEDIATION

- Nano emulsion green stimulation fluid
- Safe handling and non damaging mud acid replacement

06 CONTACT US

ACME CHEMICALS (MALAYSIA) SDN BHD

Lot. 606, Persiaran Raja Lumu,
Pandamaran Industrial Estate,
42000 Port Klang,
Selangor, Malaysia
Tel. +603 3165 6088
Fax. +603 3165 6089

ACME INDUSTRIALS SERVICES SDN BHD

Lot. 606, Persiaran Raja Lumu,
Pandamaran Industrial Estate,
42000 Port Klang,
Selangor, Malaysia
Tel. +603 3165 6088
Fax. +603 3165 6089

ACME CHEMICALS (FAR EAST) PTE LTD

165, Bukit Merah Central
#05-3675 Singapore 150165
Tel. +65 6272 6888
Fax. +65 6272 2188

PT WISHINDO MANDIRI

Jl. Jatinwaringin Rasa No. 7,
Makasar -
Jakarta Timur - 13620
Indonesia
Tel. +6221 2280 8015
Fax. +6221 8660 6950



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