

Radchem Products, Inc.



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Market Report

by Bill Radostits

In my August Market Report I forecasted that when British Petroleum's (BP) Whiting, Indiana Refinery came back from an unscheduled downtime, that gasoline prices at the pump would come down anywhere from \$.40 to \$.60 per gallon. BP is back for three weeks, and the pricing in the region came down an average of \$.50 per gallon. As gasoline has moved down, and with other refiners getting prepared to switch from summer to winter gasoline which has an impact on aromatic solvent demand, it was predicted that Toluene, Xylene, and Aromatic 100 prices would also come down. The aromatic hydrocarbon solvent prices have dropped \$.05/LB in September.

Aliphatic hydrocarbon solvent prices have also softened. Pricing for Heptane, Hexane, VM&P Naphtha, all grades of Mineral Spirits, 142 Solvent, and various other aliphatic solvents have softened along with their fuel alternatives. Naphthenic and Paraffinic Oils are also coming down because of lower feedstock costs and high inventories. Extracts and petroleum based resins came down in September.

Acetone dropped again \$0.04/LB to \$0.05/LB since the first of the month, and it has been primarily driven by lower propylene costs and low cost imported Acetone that is pushing the U.S. market lower. Ethylene Glycol has dropped \$.03-\$.05/LB in September. Lower ethylene and propylene costs have resulted in lower prices on glycol ethers, esters, acetates, and ketones.

The Acetone market will also be affected by a recent announcement that ALTIVIA Petrochemicals announced last week that they have signed an agreement to buy all of Haverhill Chemicals' assets for their Acetone, Phenol, AMS (AlphaMethylstyrene), and BPA (BisPhenol-A) businesses. The plant is located in Haverhill, Ohio, and was formerly operated by Sunoco. Haverhill filed for Chapter 11 Bankruptcy on September 19th. The closing of this transaction is expected in October, subject to approval by the U.S. Bankruptcy Court.

ALTIVIA is headquartered in Houston, Texas. They are the largest producer of phosgene derivative intermediates in the Americas. They are also a producer of iron-based salts serving industrial and municipal customers with a wide range of chemical solutions, including products for water treatment applications. ALTIVIA acquired their phosgene derivatives assets from Axiall Corporation. The plant is located in La Porte, Texas, and the plant is the largest North American production facility of phosgene derivatives.

Radchem was distributing Acetone and AMS for Haverhill, and we are in contact with ALTIVIA to regain our position as a distributor of these products once ALTIVIA completes the agreement and begins to produce all the products again in Haverhill, Ohio.

	June 2015	July 2015	Aug. 2015	Sept. 2016
Crude Oil	\$59.43	\$55.04	\$45.94	\$44.07
Diesel	\$1.91	\$1.77	\$1.59	\$1.53
Gas	\$2.04	\$1.97	\$1.74	\$1.44



To place an order, please call our main office at
(708) 966-4044; or email PO's to our NEW
Customer Service email address:

cs@radcheminc.com



Radchem Products adds Total Special Fluids

by Alan May

Radchem Products offers technical products and solutions with the addition of five categories of hydrocarbon products supplementing our traditional* aliphatic and aromatic offerings:

KetruL Aliphatic Fluids – Hydrotreated Kerosene based products

Isane Isoparaffin Products – High purity, branched hydrocarbon solvents (Available mid 2016)

Hydroseal – Low VOC organic fluids

Spirodane Solvents* – Complex, hydrotreated, high purity aliphatic hydrocarbons

Solvarex – Low naphthenic content fractional aromatic solvents

Aromatic Solvents* - 100, 150, 200, 200ND

Kerosenes

Obtained by petroleum refining, kerosene results from drawing off a cut during distillation with an initial boiling point (IBP) between 150 and 180 C and a final boiling point (FBP) between 225 and 250 C which must be sulfur free.

Kerosene is mainly used in the production of aviation fuels and components in automotive additives.

Once hydrotreated, Total kerosene has an aromatic content of 3000 ppm, and is recommended for applications in the following industries: Resins, Paints, Cleaning Products, Degreasing Products (in dispensers or tubs), Pest Control Products, Metal Working, etc.

Very Low Aromatic- Content Kerosene Based Products

KetruL Fluid line is comprised of severely hydrotreated kerosenes with drastically reduced aromatic content of < 20 to 50 ppm, resulting in toxicological and ecological values below those required by EPA Regulations. This results in greater flexibility in product formulations. KetruL Fluids are offered in a wide range of flash points and evaporation rates. A number of the KetruL Fluids are VOC compliant.

KetruL Fluids are particularly recommended for the following industries: Paints (especially those requiring extended opening time), wood preserving, grease removal, metal working, pest control products, resins, and cleaning products.

Isane- Isoparaffin Products

The Isane line is a unique range of products that is characterized by a high purity level, low odor, low surface tension, and relative low inertness. They are available in a wide range of IBPs. Depending on the product, the boiling range may be as narrow as 10 to 15 C. Compared to dearomatized white spirits such as Mineral Spirits 1% and Odorless Mineral Spirits, Isane products have similar solvency power (KB Value) but differentiate themselves with a narrower cut and even lower aromatic content. They are available in a wide range of Flash Points and Evaporation Rates. Isane products display a low surface tension, hence, excellent wetting properties. Furthermore, their branched structure brings additional advantages compared to linear hydrocarbons.

Because of the Isane family's unique properties, they have established themselves as a key ingredient in applications including adhesives, industrial cleaning, polymerization, water treatment, food, ink formulations, and pharmaceutical applications.

Because of limited space, I will list the qualities and applications of the remaining product lines in the next newsletter.

If you are interested in any of the above product lines, including the ones I have not described, please contact your Radchem Products Regional Sales Manager or our Corporate Office (708-966-4044) for Technical Data Sheets, SDS, samples.