



Product Solutions to Suppress Dust and Reduce Downtime

July 28, 2016

Quaker Chemical Corporation Exhibits at the 2016 Illinois Mining Institute (IMI) Annual Meeting

CONSHOHOCKEN, Pa., July 28, 2016 /PRNewswire/ -- In any mining operation, respirable dust is a detrimental but inherent consequence, resulting in health and safety hazards to workers. Overexposure to respirable mine dust can lead to coal workers' pneumoconiosis (CWP) or silicosis from quartz, and the formation of dust clouds that can become explosive if ignition occurs.



The need for improved dust control in mining operations is evident from the Mine, Safety, and Health Administration's (MSHA's) new respirable coal dust regulations, which requires lowering the level of respirable dust from 2.0 mg/m³ to 1.5 mg/m³, and mandates a significant increase in sampling frequency. These new regulations require full compliance by August 1, 2016.

In alignment with MSHA's new regulations, **Quaker Chemical Corporation** (NYSE: KWR)("Quaker") offers DUSTGRIP[®], a family of dust suppressant products, that now includes a solid product, DUSTGRIP[®] JFP-95. A dust suppressant that comes as a solid material is advantageous compared to a liquid product since:

- It eliminates the need for a liquid addition pump and mix tank
- The strength of the suppressant solution can be adjusted quickly, or completely shut off
- The cylindrical-shaped solid can be manufactured to any diameter and length
- Much of the solid material consists of the dust controlling additive, it is compacted into a smaller container size than the liquid dust suppressant, which means less storage area is needed.

For more specific information on the Quaker Chemical Mining product line, please visit:

<http://www.quakerchem.com/expert-experience/industry-expertise/mining/>

Quaker will be showcasing their complete product line, including DUSTGRIP[®] dust suppressants, QUINTOLUBRIC[®] longwall and fire-resistant hydraulic fluids, and MINETECH[™] gear lubricants, at the annual meeting of The Illinois Mining Institute (IMI) on August 23rd and 24th in Marion, Illinois, Booth 23. In addition, **Jon Brown**, Business Development Manager Mining, **will present the paper, "Guidelines for Selecting the Right Dust Suppression," on Tuesday, August 23rd at 3:55 pm**

For more information on Quaker Chemical and its full product line offerings, please visit quakerchem.com.

About Quaker Chemical Corporation:

Quaker Chemical Corporation is a leading global provider of process fluids, chemical specialties, and technical expertise to a wide range of industries, including steel, aluminum, automotive, mining, aerospace, tube and pipe, cans, and others. For nearly 100 years, Quaker has helped customers around the world achieve production efficiency, improve product quality, and lower costs through a combination of innovative technology, process knowledge, and customized services. Headquartered in Conshohocken, Pennsylvania, USA, Quaker serves businesses worldwide with a network of dedicated and experienced professionals whose mission is to make a difference. Visit www.quakerchem.com to learn more.



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