

Tank Storage

MAGAZINE



INVESTING IN THE GLOBAL ENERGY SUPPLY CHAIN

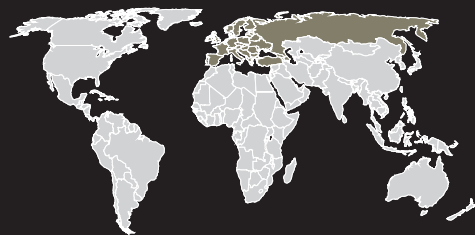
Prostar Capital reveals more about its plan to grow its storage infrastructure portfolio

OIL PRICE VOLATILITY HAUNTS ENERGY INDUSTRY

We examine how the oil price volatility in 2018 has an impact on the oil & gas M&A market and what could be in store for 2019



REGIONAL FOCUS: EUROPE



 **EMERSON**

The voice of the storage terminal industry

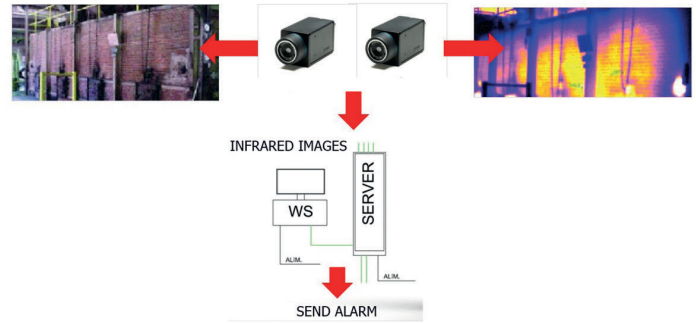
SA Fire Protection showcases new thermo-camera system

> SA Fire Protection has launched a sophisticated thermo-camera system for early fire or gas detection.

Unlike traditional linear heat detectors or flame detectors, which notify the control room after a fire has been detected, the new system by SA Fire protection is able to notify the control room even before ignition, therefore allowing operators to take preventative measures in order to avoid fire conditions.

The system is comprised of two cameras – one to show what is happening in real time and one UV camera – both are connected to the CPU in the command station.

The system is configured in such a way to significantly reduce the chance of false alarms taking place which can often happen with other heat detection systems. The cameras work concurrently, capturing images and comparing those images to predefined parameters of what are safe and acceptable conditions/temperatures. As a result,




the protection system is continuously monitoring what is happening onsite enabling itself to detect changes where there is an increase in temperature and thus allowing operators to prevent the onset of an incident.

This level of early warning directly benefits owners by reducing the possibility of a fire taking place in the first place. The parameters embedded in the software allow for acceptable fluctuations in temperature, so the system will send an alarm to the control room only when the temperature exceeds what is normally acceptable. Operators are able to safely address the hazard in its infancy preventing the rising temperature from escalating to an incident.

The system can be used for numerous applications from reactors, server rooms and warehouses to storage tanks, power lines and tunnels.

Odour Control
Product Group



Acrylex 55

OVERVIEW:
Acrylex 55 is a very active, ready-for-use stench destroyer. It has specifically been developed for neutralising acrylates. The acrylates/odours are being chemically neutralised/dismembered which makes it possible to access the tank(s) and/or area(s) shortly after the treatment.

The product is mostly used in storage tanks, vessels, scrubbers, gas washers, trucks & containers, ...

MAIN FEATURES:

- Acrylex 55 is very effective on the following acrylate types:
EA (=ethylacrylate), BA (=butylacrylate), MA (=methylacrylate), MMA (=Methylmetacrylate monomer).
- Bio-degradable.
- 1000 Ltrs Acrylex 55 can neutralize ± 200 Ltrs (pure) acrylate.

TECHNICAL BENEFITS:

- Safe and simple to use.
- Can also be used in alkali solutions.
- The product has no influence on oil/water separators or water treatment installations.
- Because of its concentrated, yet ready for use formulation, Acrylex 55 can be used several times until saturation occurs.

APPLICATION INFORMATION:
Apply Acrylex 55 under low pressure (e.g. butter worth) and circulate between 12 and 24 hours. The circulation time depends on the type and amount of acrylate.

PHYSICAL AND CHEMICAL PROPERTIES: **HS Code – 34.02.1200**

- pH - 0.1
- Relative density/20 degrees C - 1.13
- Flash point, degrees C - /
- Solubility in water - completely soluble

PRECAUTIONS:

- ALWAYS refer to the appropriate MSDS before use or handling.
- Always wear a universal mask, chemical resistant gloves, safety goggles and protective clothing.
- ALWAYS rinse with water until a neutral pH is reached.

PACKAGING SIZES :

- 5 Ltrs, 10 Ltrs, 25 Ltrs, 210 Ltrs, 1000 Ltrs

WVT Industries is a specialist chemical manufacturer and any directions for the use and application of its chemicals are provided in good faith. This information is based on experience and research but is not intended to be a definitive statement for the use of the chemical or to be taken as complete process advice. While the company, its management and employees will share what knowledge they have and make recommendations, this information can never give rise to liability or consequential damage from third parties. Any information provided regarding the chemical does not exempt the customer from examining the product and its directions for use to determine the suitability themselves for its intended purpose.

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US Army Corps of Engineers awards Corpus Christi Ship Channel construction contract

> The US Army Corps of Engineers has awarded a \$92 million construction contract to Great Lakes Dredge and Dock Company to deepen and widen the Corpus Christi Ship Channel from the Gulf of Mexico to Harbour Island.

This will increase the depth from -47 feet mean lower low water to -54 feet MLLW from the jetties at the entrance of the ship channel to Harbour Island and will extend the ship channel into the Gulf of Mexico to -56 feet MLLW.

Charles W. Zahn, chairman for the Port of Corpus Christi Commission, says: 'The award of this first dredging contract is without a doubt the most important development we will see in 2019. Building critical infrastructure for the energy sector is our primary mission and will allow larger vessels access to much needed export facilities, safely and responsibly.'

Sean Strawbridge, CEO for the Port of Corpus Christi, adds: 'We commend the Army Corps of Engineers for progressing the highly anticipated Corpus Christi Ship Channel improvement project, and the selection of Great Lakes Dredge & Dock to perform on this first contract is an extraordinary step forward in positioning the US as the largest exporter of energy in the world.'