ALTACHEM Ltd.

Industrial & Oilfield Chemicals

H2S SCAVENGERS

H2S 10 SCAVENGER		H2S Scavenger and Tower Cleaner is designed to scavenge H2S while	
PART NO.	<u>SIZE</u>	cleaning precipitated solids from previous scavengers used within the	
		treating system. The H2S-10 is a non-mechanical cleaner that is applied ir	
ACL-H2S10-20	20 LITRE PAIL	the same manner as a traditional scavenger; however as the properties o	
ACL-H2S10-205	205 LITRE DRUM	cleaning while scavenging H2S. This product is water soluble	
ACL-H2S10-1025	1025 LITRE TOTE	NOTE: For more information see Technical Data Sheet	

H2S 20 SCAVENGER		Used in scavenging of H2S from gas and fluid systems. H2S 20 is used as	
PART NO.	<u>SIZE</u>	a replacement for amine sweetening solution and iron sponge systems.	
ACL-H2S20-20	20 LITRE PAIL	H2S 20 is an aqueous resin solution which contain surfactants.	
ACL-H2S20-205	205 LITRE DRUM	Formaldehyde based scavenger	
ACL-H2S20-1025	1025 LITRE TOTE	NOTE: For more information see Technical Data Sheet	

H2S 30 SCAVENGER		H2S 30 is used as a replaceme	nt for amine sweetening solution and iron
<u>PART NO.</u>	<u>SIZE</u>	sponge systems. H2S 30 is an aqueous resin solution which contain	
ACL-H2S30-20	20 LITRE PAIL	surfactants.	Formaldehyde free scavenger
ACL-H2S30-205	205 LITRE DRUM		**Not regulated by TDG**
ACL-H2S30-1025	1025 LITRE TOTE	NOTE: For more information see Technical Data Sheet	

VAPOURCLEAN			
PART NO.	<u>SIZE</u>		
ACL-SVC-20	20 LITRE PAIL		
ACL-SVC-205	205 LITRE DRUM		
ACL-SVC-1025	1025 LITRE TOTE		

VapourClean is a water based detergent/scavenger combo that is designed to be used in high temperature vapour cleaning operations. It uses highly biodegradable high temperature stable surfactants and a water soluble H2S scavenger. The scavenger reacts with any hydrogen sulfide that it contacts resulting in a water soluble byproduct. The scavenger will remove hydrogen sulfide while the detergent component will emulsify other contaminants such as BTEX. Available in winterized or non-winterized formulations.

GAS PLANT CLEANER		
PART NO.	<u>SIZE</u>	This blend of surfactants, builders and organic based materials provides
ACL-GPC-20	20 LITRE PAIL	excellent surface wetting, emulsification and oil assimilation with superb foaming abilities. The detergency of this product will remain constant
ACL-GPC-205	205 LITRE DRUM	even in extreme water conditions. This product may be used straight, or
ACL-GPC-1025	1025 LITRE TOTE	diluted with water. It is used as a chemical for circulating, foaming,
		steaming, or pressure washing. It is also designed to clean by-products of
		crude oil. For example, circulating a dilution of product mixed with hot
		water will remove asphaltenes, waxes, and iron sulfide from flow lines
		and exchangers, and clean holding tanks, vessels, treaters, and slug
		catchers. This product will also reduce weak acidic gases such as hydrogen
		sulfide and carbon dioxide.

	ALTACHEM LTD. 5507-76 th Ave. EDMONTON, AB. T6B 0A7	
PH: 780-414-1445	FAX: 780-414-1446	TF: 1-866-414-1445
www.altachem.ca	E-mail-altachem@gmail.com	www.altachem.net

ALTACHEM Ltd.

Industrial & Oilfield Chemicals

H2S SCAVENGERS—ENVIROMENTALLY FRIENDLY

H2SOL HEAVY DUTY IND.	CLEANING SCAVENGER
PART NO.	SIZE
ACL-BSH2SOL-20	20 LITRE PAIL
ACL-BSH2SOL-205	205 LITRE DRUM
ACL-BSH2SOL-1025	1025 LITRE TOTE

H2SOL has been engineered to efficiently scavenge Hydrogen Sulfide, various Mercaptans as well as hazardous LEL components such as Btex and other VOCS. In addition to its scavenging power h2sol has light to medium cleaning properties, significantly reducing turnaround time in many applications. H2Sol is not a masking agent but actually knocks down H2S gas and other mercaptans in both aqueous & hydrocarbon solutions. A water-soluble solution that is non-corrosive and contains no harmful carcinogens or hidden toxins making it safe the environment. Another safety feature of H2Sol is its ability to reduce fire hazards when reacting with pyrophoric FeS. In many applications H2Sol provides light to medium duty cleaning properties significantly reducing turn-around time. <u>Product Applications</u>

- Removal of concentrations of hydrogen sulphide dissolved in fluids contained within lines, tanks, tank trucks and vessels
- For use in storage tanks or vessels containing sour fluids
- **)** Sour water stripper Septic systems
- Wastewater ponds, or storage tanks
- Waste collection tanks in food processing facilities

MEGASOL S HEAVY DUTY DEGREASING SCAVENGER		For situations requiring heavy duty cleaning and degreasing with trace		
<u>PART NO.</u>	<u>SIZE</u>	amounts of H2S. Many degreasers perform on pure hydrocarbons but		
ACL-BSMEGS-20	20 LITRE PAIL	struggle to achieve the desired cleaning results when contaminants like		
ACL-BSMEGS-205	205 LITRE DRUM	soil, mud and sand are present. Powerful surfactants go to work breaking		
ACL-BSMEGS-1025	1025 LITRE TOTE	down these contaminants, while the complex solvency aggressively		
		penetrates and emulsifies heavy oils like bitumen & tar, while scavenging trace amounts of H2S. Can be used in combination with our stand-alone		
		scavenger H2Sol when known levels of H2S are present. Extraordinary		
		performance without compromising environmental integrity. MegaSol-s		
		has a wide range of uses in various applications due to its high safety		
		rating & low odour together with its ability to aggressively penetrate		
		hydrocarbons while scavenging tramp H2S & other mercaptans. Can be		
		used on hot surfaces & will not damage paint or decals.		
		Product Applications		
		Cleaning/degreasing where trace amounts of H2S may be present		
		Oil Refineries Gas Plants Smelters		
		Tanks, heavy equipment, well heads, Pumps, motors		
		Waste collection tanks in food processing facilities		
		 Oil sands, bitumen, heavy crude Swing goars, suspensions, hydraulis tanks 		
		 Swing gears, suspensions, hydraulic tanks Oilfield equipment, service rigs, downhole tools, BOPs 		
		 Sludge & Oil field tanks/asphaltenes, waxes, heavy grease & 		
		invert muds		
		Heavy manufacturing – steel plant, tire plant, rubber plant		
		Dipeline manufacturing and repair		

	ALTACHEM LTD.	
	5507-76 th Ave. EDMONTON, AB. T6B 0A7	
PH: 780-414-1445	FAX: 780-414-1446	TF: 1-866-414-1445
www.altachem.ca	E-mail-altachem@gmail.com	www.altachem.net

ALTACHEM Ltd.

Industrial & Oilfield Chemicals

H2S SCAVENGERS-ENVIROMENTALLY FRIENDLY

HYPERSOL S DEGRE/	ASING SCAVENGER	Is extremely aggressive in emulsifying pure hydrocarbons and heavy oils
PART NO.	<u>SIZE</u>	while scavenging trace amounts of H2S With zero water in its formulation
ACL-BSMEGS-20	20 LITRE PAIL	Also performs exceptionally well on hydro phobic greases, waxes and
ACL-BSMEGS-205	205 LITRE DRUM	muds while remaining safe for the environment. A heavy duty degreasing
ACL-BSMEGS-1025	1025 LITRE TOTE	formula containing no water, making it 100% active. With its high soil
		loading capacity it penetrates & strips away layer after thick layer of
		heavy oil. The absence of water allows it to also perform exceptionally
		well on waxes mixed with hydrocarbons as well as other water repellent
		greases and muds. It rinses totally free with no residue left behind.
		- Hypersol-s should be used where only trace amounts of H2S are present.
		 For applications where known concentrations of H2S exist, Hypersol-s should be used in combination with our stand-alone scavenger H2Sol.
		With its aggressive performance and high level of safety to both the user
		and the environment.
		Product Applications
		Marine vessels, storage tanks, cargo holds, turbines & hoses
		Oilfield equipment, bulk carrier tank cleaning
) Oil tanks, cylinder heads, generators
		Crude oil, asphaltenes, bitumen, tar
		Grease, hydrophobic paraffin's
		Sour crude pipeline cleaning/inspection tools

	ALTACHEM LTD.	
	5507-76 th Ave. EDMONTON, AB. T6B 0A7	
PH: 780-414-1445	FAX: 780-414-1446	TF: 1-866-414-1445
www.altachem.ca	E-mail-altachem@gmail.com	www.altachem.net