

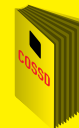
COSSD PRODUCT CATALOGUE

for

Novamen⁺

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MINING

At Novamen we pride ourselves on providing chemical solutions that are efficient, cost effective, and environmentally sustainable to the mining sector. From freeze conditioning for coal to coolants and lubricants, we have a wide variety of products built to meet your needs. In order to help minimize the stress resulting in storing and administering these chemicals, Novamen also offers services such as tank set-up and pump maintenance for chemical delivery systems as part of our extensive after-sale offerings. Please see our complete product listing below, and contact us for quotes or technical information by following the links provided. If you can't find the product you are looking for please contact us and we will try to find the right solution for your needs.



ROAD DUST CONTROL – NOVAMAX DCP 7525

NovaMax DCP 7525 is a resin-modified emulsion that provides a high performance treatment for unpaved road surfaces. Formulated from tree resin ingredients, this state-of-the-art, non-ionic emulsion technology is unique in its high bonding strength and is appropriate for use even in close proximity to wetland areas and other areas of environmental sensitivity. NovaMax DCP is a versatile and multi-purpose product for dust control, erosion control, stabilization, shoulder treatments and other specialized applications. It has been specifically designed and has proven to be a long-term solution for efficient control of road dust. Whether you are creating a landing strip, access road, haul road, hardened surface, trail or have erosion control requirements, NovaMax DCP 7525 provides a reliable, environmentally friendly binder. Contact us today for more information



SIDE RELEASE AGENT (WINTER AND SUMMER)

Novamen has a variety of release agents for many common uses in the mining industry including side release agents for railcars and conveyor belt release agents. Please contact us today for more information on specifications and the applications these products



GENERAL CLEANER – NOVA P-51

NOVA P-51 is a concentrated high performance product for general purpose vehicle cleaning and degreasing. It is used to remove road film and light oil/grease from mobile equipment or vehicles in heavy equipment shops, truck and car washes. Safe to use on all metals when used at recommended concentrations.



FLOCCULANTS

Flocculants are used in water treatment processes to improve the sedimentation or filterability of small particles. Flocculants may be used to aid in the removal of microscopic particles in water which would otherwise cause the water to be turbid (cloudy) and which would be difficult or impossible to remove by filtration alone. Novamen carries a wide variety of flocculants for numerous different applications, contact us today for more information.



COOLANT/ANTIFREEZE – NOVAMAX ELC-HD

NovaMax ELC-HD is an Organic Acid Technology (OAT) formulation containing Nitrite and Molybdate to protect diesel engines from liner pitting and corrosion. NovaMax ELC-HD meets heavy duty ELC coolant specifications including Caterpillar EC-1, Detroit Diesel, Cummins and other heavy-duty diesel engines.

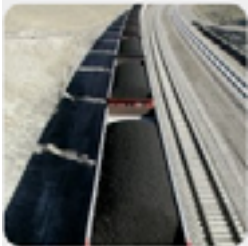
COAGULANTS

There are small particulates in waste water which are suspended in the liquid forming a colloid. These particles carry the same charges, and magnetic repulsion prevents them from combining into larger particulates that are heavy enough to settle. The purpose of a Coagulant is to neutralize the charges allowing the neutral particulates to combine in order to form larger particles, which are able to settle at the bottom and are able to be removed from the water. These particles are often so small they can escape even the most thorough of filters, and coagulants are often a much better in terms of cost savings, quality control, and time spent. Contact us today for more information on our wide variety of coagulants, available for many different application specific needs.



LIQUID POLYMER BASED FLEXIBLE COAL/COKE SEALER – NOVASEAL CONCENTRATE

NovaSeal is designed specifically for the control of airborne dust at coal and coke facilities and wherever the control of airborne dust is required. The product is normally



CONVEYOR BELT WETTING ANTIFREEZE – NOVAMAX BWA

NovaMax BWA is a non-toxic belt wetting anti-freeze/de-icing compound developed by Novamen Inc. The material is very safe to handle and is non-hazardous and is fully compatible with glycol based belt wetting fluids such as ethylene and propylene glycol. The product has been freeze tested for stability and the fluid retains a low viscosity even at -50 Celsius.



FREEZE CONDITIONER – NOVAMAX DEICER TYPE I

NovaMax De-Icer Type I is a potassium acetate de-icer ideally used to prevent petroleum coke, coal and other aggregates from freezing to truck boxes, conveyor systems and rail cars. Novamen Inc. is the leading supplier of these products in Western Canada. In addition, Novamen supplies these products to the hydro-testing markets and for airport runway de-icing applications.



FREEZE CONDITIONER – NOVAMAX DEICER TYPE II

NovaMax De-Icer Type II is mainly USP grade glycerin with the addition of proprietary surfactants and blended to provide a minimum freezing point of minus 40 Celsius.

ECO FRIENDLY TIRE BALLAST ANTIFREEZE – ECOBALLAST

EcoBallast is a newly developed, glycerin based environmentally friendly anti-freeze with a sophisticated corrosion inhibition system created by Novamen Inc. The material is virtually non-toxic to human health, non-hazardous and is completely non-corrosive. The product has been freeze tested for stability and the fluid retains the ability to be easily pumped, even at -50 Celsius. EcoBallast can easily replace any glycol or salt based tire ballast fluids for heavy equipment tire ballast applications. The base is far less corrosive to metal than calcium chloride and much more cost effective than propylene glycol. It is also heavier than PG with a specific gravity of 1.16 compared to 1.01 for diluted PG.



OIL AND GAS

At Novamen we pride ourselves on providing chemical solutions that are efficient, cost effective, and environmentally sustainable to the Oil & Gas sector. We offer many different products to the oil and gas industry including scavengers, soaps, coolants and many others. Our product development team can also offer flexible solutions to all types of problems in this industry. In order to help minimize the stress resulting in storing and administering these chemicals, Novamen also offers services such as tank set-up and pump maintenance for chemical delivery systems as part of our extensive after-sale offerings. Please see our complete product listing below, and contact us for quotes or technical information by following the links provided. If you can't find the product you are looking for please contact us and we will try to find the right solution for your needs.

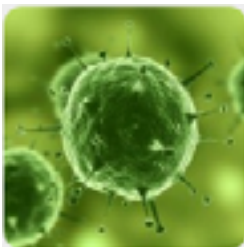


SCALE INHIBITOR

Scale inhibitors control the formation of inorganic hard scales, such as calcium carbonate, calcium oxalate, calcium sulfate, barium sulfate, and others within evaporators, piping, pumps, tanks and many other types of equipment. Contact us today for more information.

BIOCIDES

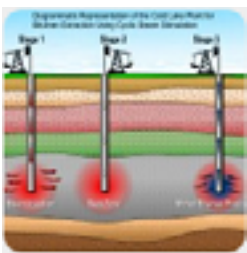
Biocides are used in the oil and gas industry to control the growth of bacteria and prevent the formation of harmful byproducts of their growth (such as hydrogen sulfide) and are used for both corrosion and odor reduction. Novamen supplies several types of biocides for different applications and can package this product in either pails or drums. Please contact us today for any further information.



PARAFFIN/ASPHALT CONTROLS – NOVASOL 400

NOVASOL 400 offers a single source solution to production problems caused by paraffin and asphaltene. It is a solvent, dispersant, crystal modifier and inhibitor all in one. NOVASOL 400 removes significantly more paraffin/asphaltene than traditional solvents, keeps suspended paraffin in solution longer and inhibits paraffin deposition through its crystal modifier effects. The special blending of aromatic and aliphatic solvents with primary amines significantly increases the solvency effects of the product. Its superb solvency effects allow the product to remove significantly more paraffin/asphaltene as well as have higher saturation





point. It is designed to keep significantly more dissolved paraffin and asphaltene in solution. And when the chemical is continuously present in the oil, the crystal modifier hinders the precipitation and deposition of paraffin and asphaltene thus allowing you to keep your wells cleaner longer.

EOR POLYMER

In Enhanced Oil Recovery (EOR), polymer flooding is a well recognized process that can increase a well's production even with hard reservoir conditions; products are available for temperature up to 120°C, with heavy brines and low permeability (10 mD). Contact us today for information on our extensive range of EOR polymers and learn how we can help you recover more oil today.



DEFOAMER (LIQUID AND SOLID)

Several types of defoamers are available for a variety of applications. Defoamers are available in both liquid and solid forms and can be packaged in either drums or pails. Please contact us today for further information on this product.



FOAMERS (LIQUID AND SOLID STICK)

Foamers remove the water and sand in oil wells to increase the production. Novamen can provide this product in both liquid and solid states, and can package them in drums or totes. Contact us today for more information.

HYDRO TEST FLUID – ECOTEST 400

EcoTest 400 is a newly developed hydro testing fluid created by Novamen Inc. The material is virtually non-toxic to human health, non-hazardous and is fully compatible with water based hydro testing fluids such as propylene glycol. The product has been freeze tested for stability and the fluid retains the ability to be easily pumped, even at -50 Celsius



FRACTURING FLUID VISCOSITY IMPROVER – NOVAMAX CELLUGEL CMC

Fracturing fluid viscosity improver

FORESTRY AND WOOD PROCESSING

Novamen has various innovative products for the forestry and wood processing industry. From dust control for gravel roads to diesel emission fluids for heavy machinery, we have products needed to maximize output while minimizing the impact on the environment. We are constantly looking to improve our products to be less impactful on the environment while attempting to improve their effectiveness. Please see our complete product listing below, and contact us for quotes or technical information by following the links provided. If you can't find the product you are looking for please contact us and we will try to find the right solution for your needs.



DEFOAMER

Several types of defoamers are available for a variety of applications. Defoamers are available in both liquid and solid forms and can be packaged in either drums or pails. Please contact us today for further information on this product.



FORMALDEHYDE SCAVENGERS

Formaldehyde scavengers help reduce emissions both in the manufacture of particleboard, medium density fiberboard (MDF), and in the finished products. Our technical staff can adapt the scavengers to address a customer's specific emission targets. Contact us today for more information.



DEGREASER – NOVASOL T101

Novasol T101 is a heavy duty, ready-to-use, deodorized, solvent-based cleaner/degreaser that quickly dissolves petroleum-based contaminants, dries slowly and rinses freely.

CORROSION INHIBITOR – NV HG-01

NV HG-01 is a corrosion inhibitor is designed for use for a broad range of oil field corrosion inhibitor applications. The product provides excellent corrosion inhibition in a broad range of environments, including H₂S, CO₂ and in the presence of trace quantities of oxygen. The product is also effective in the control of bacterially induced corrosion.



OXYGEN SCAVENGERS

Oxygen scavengers remove the oxygen in a closed system to prevent the corrosion caused by the oxygen.

SCALE INHIBITOR

Scale inhibitors control the formation of inorganic hard scales, such as calcium carbonate, calcium oxalate, calcium sulfate, barium sulfate, and others within evaporators, piping, pumps, tanks and many other types of equipment. Contact us today for more information.



INDUSTRIAL

Novamen supplies a diverse range of products that can be used across many other industries including manufacturing and service companies. From general soaps and degreasers to anti-stripping additives for the asphalt industry, we have an extensive selection of products available for many different applications. We are constantly looking to decrease the impact our products have on the environment while still looking to improve their effectiveness. In order to help streamline business operations and create cost-effective operations, Novamen also offers services such as tank set-up and pump maintenance for chemical delivery systems as part of our extensive after-sale offerings. Please see our complete product listing below, and contact us for quotes or technical information by following the links provided. If you can't find the product you are looking for please contact us and we will try to find the right solution for your needs.



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SILICONE OIL EMULSION

Silicone Emulsifiers are used as eco-friendly, safe, and easy-to-use alternatives to solvent based emulsifiers, and are so harmless that it is in fact one of the leading



ANTI-STRIPPING ADDITIVE

Anti-stripping additives are used in the asphalt industry and are added to the asphalt in order to increase the occurrence and strength of asphalt-aggregate adhesion. We currently only supply this product in totes. Please contact us for more information.

DEF FOR DIESEL TRUCK – NOVAMAX ADBLUE

Diesel Exhaust Fluid (DEF) is required by many heavy-duty trucks, pickups, SUVs and vans. DEF is used to destroy harmful emissions in the exhaust and meet the EPA's latest strict environmental standards.



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ANTI-CAKING RELEASE AGENT

Anticaking agents are additives placed in powdered or granulated materials, such as table salt, to prevent the formation of lumps and for easing packaging, transport, and consumption. We have a variety of different types of anti-caking agents available, and can supply them in bulk quantities. Contact us today for more information.



GENERAL CLEANER – NOVA P-51

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INHIBITED ETHYLENE GLYCOL – HEAT TRANSFER FLUID – NOVATHERM IEG

NovaTherm IEG is chemically engineered using an inhibitor package containing phosphate, for ferrous metal protection, boron to maintain the reserve alkalinity at acceptable levels, and the non-ferrous metal inhibitor tolyltriazole for corrosion protection in an ethylene glycol base when used as an Industrial Heat Transfer Fluid. The chemistry employed will effectively protect your industrial equipment whether constructed of single or mixed alloys. The industrial corrosion control inhibitors included have been specially formulated to extend the service life of the coolant. Therefore, you will receive a higher level of reserve alkalinity, superior performance, and less maintenance requirements through re-inhibiting. These attributes improve your bottom line cost.





LIQUID SOLVENTS

Novamen has a wide variety of liquid solvents available. Please contact us today for more information on our complete listing of liquid solvents.

WASHBAY CHEMICALS

We offer a variety of washbay chemicals including coagulants, flocculants, general detergents, and soaps. We offer flexible products for different applications, whether you are looking to clean trucks, equipment, or railcars, we have the right product for you. Please contact us today for more product information



GLYCOLS

Novamen offers a wide variety of glycols including Ethylene, Tri-Ethylene, and Propylene Glycol. These glycols can be blended with water or inhibitors to meet a variety of application purposes. Among our pre-blended products are EcoTest, a pressure testing glycol based chemical and... Please contact us for more information on our wide variety of glycol based products.



POTASSIUM ACETATE

Novamen offers potassium acetate at various blends for a variety of application purposes. Contact us today for more information.