



Welcome to PAWPRINT Issue No. 14

Now that the SCAA Expo2000 conference, the 4th Annual Surfactants Conference and INDIS2000 is over, I can settle down to the business of supplying chemicals to our customers....at least for a week or two!

The Australian Dollar has hit new lows recently, making the market a turbulent place to do business. We have been trying to hold our prices stable for as long as possible but this is difficult to do with stock becoming more and more expensive to replace. Our dollar has lost 20% of its value over the last couple of months against some of the other currencies we buy in. We hope that our customers will understand the situation and perhaps look forward to cheaper raw materials when the situation improves.

Next stop for myself and Alak is the annual CPHi Pharmaceutical Ingredients EXPO in Milan, Italy 7-9th November. Alak will be stopping over in New Zealand to obtain customers requirements

before heading off to the USA and onto Milan to source Animal Health and Human Pharmaceuticals for our customers. At CPHi we are able to meet something like 30 of our suppliers, all exhibiting under one roof over the 3 days. Please give us a call if you would like us to hunt down difficult to find Pharmaceuticals.

A natural progression from our Pharmaceuticals business will be our foray into "Neutraceuticals". This is an area of business we fully intend to concentrate on in the future. It's a kind of overlapping of the Food Nutrient and Pharmaceuticals businesses. A list of the Neutraceuticals we have access to is listed in this issue of PAWPRINT.

Rex Gordon.

SCAA EXPO2000 Report

Thanks to all the visitors who took time to visit our stand at EXPO2000 in September. We didn't really sell anything, but had a great few days....

Thanks to Brian Gray also who ran the bar for us!



Hexylene Glycol – A versatile chemical

Hexylene Glycol has been sold by Tiger Chemicals for many years. Our range of customers for this product is diverse. Some of its potential applications are as follows:

- Coupling agent in the manufacture of hydraulic fluids, industrial cleaning compounds, soluble oils and dry cleaning soaps.
- In latex paints as an aid to coalescence, promotes levelling and smoothness of films and preserves freeze thaw resistance.
- As a solvent in preparation of dyes and synthetic resin based and steamset inks.
- As a moistening and softening agent for composition cork, leather, paper and textile fibres.
- Wetting/dispersing agent in polishes and cleaners.

Available ex stock in 190kg drums both in Melbourne and Sydney.

PAWPRINT now on the web!....Just go to <http://www.tigerchem.com> and you can download back issues.





ALAK'S PHARMACEUTICAL CORNER



What do cosmetics, tooth paste, mouth rinses, carpets, children's toys and plastic kitchenware have in common? The chances are that they have been impregnated with a substance called Triclosan. This substance is a potent killer of microbes such as bacteria and fungi and has been thought of until recently as a biocide having a broad and general assault on microbes.

In recent reports from scientists at Tufts University, Boston and University of Sheffield, UK, it has been shown that Triclosan, far from being a generalised antimicrobial, works more like an antibiotic. It blocks the action of an enzyme without which the bacterium *Escherichia coli* could not survive. Triclosan works by sitting in a cleft in the enzyme that would normally receive the raw materials for making fatty acids, denying access to these ingredients and thus disabling the enzyme. The fit of Triclosan in this binding pocket is so snug that it works in extremely low concentrations.

Triclosan is an antibacterial disinfectant held in high esteem in the world at present; also highly safe having very few adverse side effects.

Product Specifications :

Chemical name : 5-Chloro-2 (2,4 Dichloro Phenoxy) Phenol

Appearance : White to dull white crystalline powder

Odour : weak phenolic odour

Melting point : 55-57 deg. C

Solubility : Practically insoluble in water

Assay : 99.0 – 100%

Ash : Max. 0.1%

Loss on drying : max 0.1%

Heavy metals : max 10ppm

Please send your enquiries to Alak at Tiger.

USES: Antibiotic soaps, medicated soaps, face washes, disinfectant liquid soaps.

Shampoos, face creams, dinnerware detergents and washing powders.

Used in toothpastes and gargles, it can cure and prevent paradentis, gingivitis and oral ulcers.

Triclosan has excellent stability, does not decompose easily in sunlight and has good compatibility with the cosmetic materials.

Tiger Chemicals is sourcing this product from our principles IPCA Laboratories Ltd, Mumbai, India.

IPCA is a reputed manufacturer of bulk actives and formulations having USFDA approved plants, and exporting to 63 countries. For several years, Tiger Chemicals has imported IPCA's Frusemide, Trimethoprim and Oxantel Pamoate.

Present capacity for Triclosan : 200MT/year. The product has been approved by multinational customers and UK Laboratories.

NOW IN STOCK:

BENZYL ALCOHOL

Tiger Chemicals now stock Benzyl Alcohol. Our product is 99.8% Pure Grade. Benzyl Alcohol has numerous applications in industry. It is used in colour photography as a developer accelerator, solvent in epoxy

hardeners, as a preservative in drugs and contact lens cleaners, as a raw material in the production of a number of perfume esters and as a general chemical and pharmaceutical solvent. Call Bruce to discuss your requirements.



INDIS News:



INDIS2000

INDIS2000 was held in Taiwan at the GRAND HI-LAI HOTEL Kaohsiung, Taiwan October 4-7.

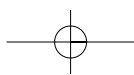


Rex speaking at INDIS2000.

INDIS Associates Worldwide is an international network of people representing chemical trading companies limited to one member per country. INDIS members share common principles and objectives and cooperate together to enhance business opportunity, establish new enterprises and share information for the groups benefit. Participation in INDIS is an integral strength of each members business and offers access to an international network of knowledge which compliments local identity and expertise. Read all about the INDIS2000 conference and see all the pictures and the video at <http://www.geocities.com/indisassociates/index.htm>



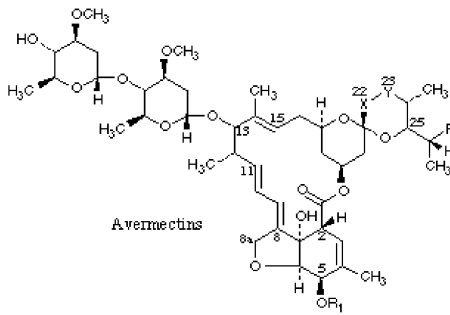
Past presidents of INDIS.



Avermectin: A unique Anthelmintic (for Deworming cattle)

Avermectin. – A unique Anthelmintic (for Deworming cattle)
 We have held NRA registration for this product also known as Abamectin for over 2 years now. Many anthelmintic products are on the market. Most of the products are either avermectins/milbemycins (ivermectin, doramectin, eprinomectin, and moxidectin) or benzimidazoles

(oxfendazole, albendazole, fenbendazole...also available from Tiger!). Avermectins provide an additional benefit of external parasite control plus internal parasite control, as well as persistent protection for days to weeks after treatment. Avermectin is also used in the control of parasites on cotton. Please call Alak if you wish to discuss your needs.



Permethrins

Please note that we are now stocking the 40:60 grade as well as the 25:75 grade. As mentioned in the last issue of PAWPRINT, we have obtained NRA registration and can supply this synthetic insecticide into all areas of usage. If you need help obtaining approval from the NRA for the use of Permethrin in your products, give Alak a call and we can assist you with your application. We are also interested in any of our Paint industry customers who might like to trial it as a paint additive to stop insects landing on your freshly applied gloss enamel....Rex is still thinking like a paint chemist, even after all these years!

GLYCOLS IN ANTIFREEZE

Several of our customers want to know how much Monoethylene Glycol and Propylene Glycol should be added to water in order to obtain a desired depression in Freezing Point. The table below will be of use to our customers in the refrigeration industry.

Glycol % v/v	Freezing Point (Ethylene glycol)	Freezing Point (Propylene Glycol)
10	-4°C	-2°C
20	-9°C	-7°C
30	-16°C	-13°C
40	-25°C	-21°C
50	-36.5°C	-34°C
60	-49°C	-64°C
70	-44°C	-
80	-43°C	-
90	-27°C	-
100	-12°C	-59°C

TIGERSIL 106

Paint Additive Tigersil 106

Tigersil 106 is based on a high molecular weight polydimethylsiloxane dissolved in xylene. When added to a solvent based paint system it produces a "hammer finish" to the dry paint film. This effect is the result of the incompatibility in surface tensions of the silicone based Tigersil 106 with the paint system and substrate.

This effect is often desired on, for example, industrial and agricultural equipment and metal office furniture.

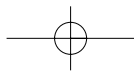
The hammer finish effect is influenced by the amount of Tigersil 106 used, spraying distance, nozzle design and viscosity. Small amounts of additive produce an open structure, whereas larger amounts produce a uniform, close-textured structure.

Samples of Tigersil 106 are available on request.

TOP TIPS!

Create instant designer stubble by sucking a magnet and dipping your chin in iron filings.

Last night my girlfriend worked late and her kind-hearted boss invited her back to his house for a meal. He even treated her to a bottle of champagne, how generous it was of him – rarely do you hear of such kindly behaviour by an employer these days. My girlfriend however must have felt pretty foolish. For on her return, I pointed out that she had been wearing her dress inside out.



DETERGENT CORNER:

Tigerfax 60R is a Phosphate ester type surfactant which is stable in highly Alkaline solutions.

It finds its way into alkaline cleaners like the formulation below. We stock a number of Phosphate Ester type surfactants. Please feel free to call Rex to discuss your requirements. Equivalents to the popular grades sold in the market are generally available.

TIGERFAX 60R	5.0%	ALKALINE DEGREASER	
LABS Acid	5.0%	Tigerfax AOS	3.00%
Sodium Hydroxide	1.3%	Tigerfax NPE9	
TIGERFAX CDE	1.0%	Tigerfax 60R	2.00%
STPP	10.0%	Linear Alkylbenzene Sulphonic Acid	1.20%
Water	77.7%	BUTYL GLYCOL ETHER	4.00%
	100.0%	Caustic Soda	0.50%
		Sodium Metasilicate Pentahydrate.	3.00%
		T.K.P.P. (Tetra Potassium Pyrophosphate)	6.00%
		Water	77.30%
			100.00%

Tigerfax 60R, CDE and STPP are available ex-stock from Tiger Chemicals.

NUTRACEUTICALS

We are able to offer the following Nutraceutical ingredients. Healthfood companies and even **Pharmaceutical** manufacturers are looking very closely at food **supplements** as an alternative to more traditional medicines. Please give Alak or Rex a call if any of the following are of interest.

Choline Chloride
Choline Citrate
Chondroitin Sulphate
Coenzyme Q10
Creatine, HCL, Citrate
Gingko Biloba
Green Tea Extract
Antocyanins, Enocyanins
Guarana
Kava Kava
St. Johns Wort
Silymarin

ANIMAL HEALTH PRODUCTS



Albendazole
Aminophyllin
Amoxicillin & salts
Ampicillin & salts
Amprolium HCl
Avermectin

Calcium Carbonate
Calcium Gluconate
Calcium Gluconate Injectable
Copper Sulfate
Chloro tetracycline
Citric Acid
Closantel

Dexamethasone Sodium
Dextrose Anhydrous Inj.
Dextrose Monohydrate
DiCalcium Phosphate
DiEthyl Carbamine Citrate
Dinitro Ortho Tolumide
Doxycycline

Fenbendazole
Ferric Ammonium Citrate
Folic Acid
Furosemide

Hydroxocobalamin
Imidocarb Hcl
Ivermectin
Levamisole
Mebendazole
Megestrol Acetate
Methyl Testosterone
Morantel Citrate/Tartrate
Nalidixic Acid
Niacin
Niacinamide
Neomycin Sulfate
Oxfendazole
Oxibendazole
Oxycloaside
Oxytetracycline Hcl
Oxytocin
Piperazine Di Hcl
Piperazine Hexahydrate
Prednisolone
Pyrantel Palmoate
Pyrantel Tartrate
Permethrin

Rafoxanide
Robenidine

Salinomycin
Sorbitol
Sodium Citrate
Sterile Ampicillin

Thiabendazole
Triclabendazole
Trimethoprim
Tylosene Tartrate

Vanillin
Vitamin A
Vitamin B1
Vitamin B2 5 Phosphate
Vitamin B6
Vitamin B12
Vitamin C
Vitamin E
Vitamin K3

Yeast

Zinc Oxide
Zinc Sulfate



TIGER CHEMICAL COMPANY ACN 007 030 720. ABN 56 007 030 720
79-83 Munster Terrace, North Melbourne 3051. TELEPHONE: 61-3-9328-3099 FACSIMILE: 61-3-9328-3813
E-MAIL: sales@tigerchem.com WEBSITE: http://www.tigerchem.com

 Tiger Chemical Company