



# PAWprint

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 **Tiger Chemical Company**



EDITORIAL

## Welcome to the Special EXPO2000 edition of PAWPRINT

EXPO2000 is being held at the Carlton Crest Hotel in Melbourne 6-9th September and is being run by SCAA, The Surface Coatings Association of Australia.

EXPO2000 this year is being held in conjunction with the annual SCAA conference. The exhibition is a showcase of all the major suppliers to the Paint, Ink and Adhesives industries. Tiger Chemicals, being the major sponsor will feature prominently throughout the conference. It is a chance to put ourselves on show to the chemical industry as a whole, so please take time to visit the exhibition and particularly our stand no matter which sector of the chemical industry you are from. We have a double-sized booth, (complete with a bar of course!) at booths 40&41 at the Exhibition.

As if one exhibition is not enough for us to be involved, I have been invited to give two lectures at the 4th Annual Surfactants, Detergents, Cosmetics and Personal Care Products Conference on 14-15 September in Singapore. I'll be speaking on "Trends in Detergents and Personal Care Formulations in Asia", and "Surfactants Marketing in Asia". If any of our customers from the

Detergents or Personal Care industries are attending, let me know.....dinner's on me!

Thanks to all our customers in Perth who took the time to see me on my visit there last month....your samples have been posted!...believe me! We have stocks of Propylene Glycol and EN-250 in Fremantle for prompt delivery.

Regarding our range of Pigment Dispersions, we now have Brunswick Green in stock. Please give us a call if you would like samples of this or our other pre-dispersed pigments for both solvent and water based paints.

Finally, I want to introduce some new stock items: Permethrin 40:60 and 25:75 are now in stock, and we have been successful in obtaining National Registration Authority approval to market these into all sectors of the industry now.

Kind regards,

Rex Gordon  
Sales Cadet

## Tiger Chemicals to be major sponsor at EXPO2000

EXPO2000 combines the National Conference of the Surface Coatings Association of Australia and a major Trade Exhibition showcasing products and services to the coatings and chemicals industries. Please drop in and see us at Booths 40/41 at the Carlton Crest Hotel, Queens Rd, Melbourne 7 - 9 September.



## OILS ain't OILS

We have Refined, Bleached & Deodorised Coconut Oil in stock in Melbourne and Sydney. The price of Coconut oil has been reduced of late, making up for some of the devaluation of our Aussie Dollar. The material is suitable for Short-Oil Alkyd resin production, as well as Coconut Diethanolamide manufacture.

Castor Oil, FSG is also in stock in Melbourne. Please give Bruce or Rex a call to discuss your requirements.

Triethanolamine 99% and 85% is also in stock in Melbourne. TEA is used in many areas of the chemical industry. After successfully defending an anti-dumping action by the local producer, we hope our customers will reward our efforts in buying our imported material.





## ALAK'S PHARMACEUTICAL CORNER

Animal health and Human Pharmaceuticals is an important area of our business. It is approached entirely differently to Rex and Bruce's chemical trading activities. There are Government registrations to do, GMP audits to be carried out and more stringent quality requirements. We work closely as a team of three, facilitating the trade of Bulk Drugs and fine chemical intermediates between overseas producer and local end user.

New products we can offer:

- Alpha-Cypermethrin
- Chloprostenol Sodium
- Prednisolone
- Closantel
- Oxantel Palmoate
- Hydroxyprogesterone caproate
- Hydroxocobalamin Acetate
- Cyanocobalamin
- Niclosamide
- Morantel Tartrate

The chemical synthesis of a drug may be a twenty stage process. Tiger Chemicals specialises in working closely with R&D chemists in the design of synthesis paths either sourcing the fine chemical intermediates or identifying overseas entities who can perhaps bring the compound up to its final stages of manufacture before importation into Australia and New Zealand. Please give me a call to discuss your outsourcing requirements.

## INDIS News:

As this year's President of the INDIS organisation Rex has been busy organising this years INDIS2000 conference in Taiwan. The three days of intensive meetings between INDIS' 25 members from around the world scheduled for 4-8 October will bring many new opportunities to the group, and Tiger Chemicals in particular.

INDIS stands for "INternational DIStribution", and gives each member of the group the leverage and buying power of a large multinational, as well as access to technical expertise in all areas of the Chemical, Surface Coatings, Food and Pharmaceutical industries. The Benzyl Alcohol Tiger Chemicals now stocks is an example of a joint INDIS marketing concept.



### From the INDIS Charter:

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.

### INDIS Associates Worldwide aims to:

- Foster understanding and cooperation between members through free and open dialogue.
- Adapt new technology in promoting business opportunity
- Promote business opportunities for individual members
- Take advantage of members combined financial and marketing resources.
- Expand the groups knowledge and experience by introducing new companies and members
- Offer our principals and customers a global distribution network.

You can learn more about INDIS at [www.indis.org](http://www.indis.org)

## New Staff Member: Roden

Meet Roden....our latest staff member. One of our customers picked up a stray Kelpie who gave birth to six puppies. We decided to adopt Roden (named after the street where Tiger Chemicals was) rather than see him sent to the lost dogs home.

We are still unsure of Roden's exact breed, but with all the ethnic diversity already at Tiger Chemicals who cares anyway?.....

Oh, and if you noticed our phones were down for a time last week....he had chewed through the cord!....



## NEW PRODUCT FOCUS:

# BENZYL ALCOHOL

Benzyl Alcohol is now in stock. The material is from a prime European producer and has been landed at the best prices around. Thanks to the customers who have already started purchasing it. Specifications and analysis are as follows:

	Specification	Result
Colour	Apha 10 Max.	<5
Moisture	0.1% Max.	0.01%
Cl Content	100ppm max	7ppm
Assay (GC)	99.9%	99.8%
%Benzaldehyde	0.1% Max	<0.01%



# TIGER: Your first source for Permethrins

We now have available Permethrin Insecticide. Permethrin was first registered in 1977. It is a synthetic pyrethroid insecticide that is chemically similar to natural pyrethrum that is extracted from a chrysanthemum species.

It has a number of advantages over the natural product:

- much more light stable, therefore continues to be effective over a few days, whereas the natural product is broken down and becomes ineffective very rapidly.
- more biologically active.
- much cheaper – natural pyrethrum is generally in short supply and as a consequence it is expensive.
- readily available.

Permethrin can be produced in three different Cis-Trans ratios:

- 25:75 (21-29% Cis isomer)
- 40:60 (36-44% Cis isomer)
- 52:58 (49-55% Cis isomer)

Tiger Chemicals stock both the 75:25 product, and the 40:60 product.

Permethrin has many potential applications, some of which are:

- household sprays and foggers
- flea control preparations for domestic animals
- ornamental gardens and turf
- repellents for clothing
- treatment of carpet
- mosquito control
- termite treatment
- agricultural pesticides
- lice shampoos and body lotions

We have product available in 10kg packs, which are very suitable for the small formulator.

Please call Bruce or Alak for more information...



**National  
Registration  
Authority**  
for Agricultural and Veterinary Products

## TIGERFAX 164

Tigerfax 164 is a versatile low-foaming surfactant which is stable to caustic solutions. It finds its way into a variety of low-foaming laundry and detergent applications. It is also particularly useful as a rinse-aid in automatic dishwashers.

### Specifications:

COMPOSITION -	Ethoxylated capped Nonionic Surfactant
FORM 30°C	LIQUID
COLOUR 30°C	150 (APHA) MAX.
MOISTURE	0.5% MAX
pH (1% SOLN)	6 +/- 1
CLOUD POINT	34° - 38°C
DENSITY @30°C	0.990 +/- 0.01
PACK SIZE	200 KG STEEL DRUM.

### Rinse-aid:

Tigerfax 164	10%
Water	90%
	100%....this product is often dyed blue and sold in small 500ml bottles.

## TOP TIPS!

I got a shock the other day when I arrived at work only to find the place had been reduced to a pile of rubble. I had to laugh when my boss reminded me – I'm a demolition engineer and we were busy demolishing an old power station.

I am 70 years old yet have never experienced a strange or amusing coincidence. Funnily enough, neither has my brother.

For those who haven't got enough money for two weeks holiday, just go for one week and don't go to bed.

## What's on the back of your shampoo bottle?

These days the ingredients of detergent, shampoo and bath products are listed on the back of the bottle. Manufacturers often use loose-fitting generic names to confuse not only the consumer, but also their competitors. For formulators in this area, here's a list of names and their corresponding products:

C12-C14 Olefin Sulphonate

PEG35 Castor Oil

Polysorbate 80

PEG6-Oleate

Lauramide DEA

Polyoxyethylene 6000

Tigerfax AOS

Tigerfax COE12

Tigerfax 80

Tigerfax OF6

Tigerfax CDE

PEG6000

### PEARLESCENT SHAMPOO CONCENTRATE

	Weight/%
Tigerfax AOS	50.0 Foaming/cleaning
Tigerfax CDE	20.0 Foam Stabiliser
(Glycol Stearate (and) Stearamide MEA)	5.0 Pearling Agents
Tiger Propylene Glycol	5.0
Sodium Chloride	1.0 Thickening Action
Methylparaben (and) Propylparaben)	qs Preservative
Water, Dye, Fragrance	qs to 100.0

# PRO AC

## PRODUCT FOCUS: ACRYLITE 04-600

For many years we have been stockists of this versatile thickening latex emulsion polymer. This product is useful for thickening just about anything from Cream Cleansers to water based paints.

It is typically added to any water based formulation at a rate between 1-5%. The pH of the mixture is then raised to about 8.5 either by the addition of Caustic or Ammonia. Product viscosities of up to 100,000Cps are obtainable. It also suspends pigments and fillers and prevents flocculation and sedimentation.

#### Typical Properties

Appearance	Milky Liquid
Solids	28 +/- 1%
pH when packed	2.5 - 3.5
Visc @ 25°C #1/60rpm	5 - 25 CPS
Solution Viscosity	
5% Sodium Salt	25,000 CPS
1% Sodium Salt	3,000
Density @ 25°C	1.054
Colloidal Charge	Anionic

#### Thickening Procedure

For latices and emulsions: paints, inks and cloth coatings, adjust pH to 8 - 8.75. Add ACRYLITE 04-600 quickly but uniformly with efficient agitation. Final pH should be greater than 7.5.

