



# PAWprint

Issue No.23 August 2005



**Tiger Chemical Company**

EDITORIAL

## Welcome to PAWPRINT Number 23

Welcome to the world of Tiger Chemicals. If this is your first glimpse of a Pawprint, take note that it is issue number 23. Our first newsletter appeared in 1997 and at that time the company was already eight years old.

Over our sixteen years of trading, Tiger Chemicals has become a significant player in all sectors of the chemical industry supplying Pharmaceuticals, Animal health drugs, Intermed-

iates, Pigments, Glycols, Resins and Surfactants, in fact about 700 items to over 900 customers.

We hope you will find this Pawprint informative and enjoyable. Please don't hesitate to give any of us a call if something interests you.

**Rex Gordon**

## MEKO (Methyl Ethyl Ketoxime)

For all our paint customers we stock this universally used anti-skinning agent. MEKO is particularly useful in solvent based paints to inhibit the formation of a skin on the surface of the paint in the can. Please call Rex for a quote on this or any other of our raw materials for the Surface Coatings Industry such as Glycols, Coalescing Agents, Pigment Dispersions, Resins and Defoamers.

## News From Tiger Chemicals (NZ) Ltd.

During the 28-30th July, Ina and I attended the SCANZ conference in Napier, New Zealand. There we caught up with customers and were inevitably rubbing shoulders with our friendly competitors as well as learning of new developments within the Surface Coating industry.

For the new NZ customers, just a reminder we stock Mono Propylene Glycol, EN-250 and a select range of insecticides such as Permethrin 25:75 Technical and Deltamethrin Technical. The products are stored in our Auckland warehouse and we offer same day delivery for Auckland metro and next day to the rest of the Nth Island.

Those Kiwis who attended the SCAA conference 17-20 August in Melbourne, it was good too see you all there!... Lynette.



## Surface Coatings News

Tiger Chemicals was a major sponsor of this year's Surface Coatings Association/APMF joint Conference & Exhibition. We hope you had a chance to visit our stand and have a chat with the team.



< the tiger exhibit



**Tiger Chemical Company**

You can download back issues of PAWPRINT at <http://www.tigerchem.com>



# DETERGENT CORNER

Below are some starting formulae of cleaning products based on some of the raw materials we offer. Please give Rex a call if you need to enquire about any of the products included in the formulations.

## FLOOR WAX STRIPPER

Tigerfax NPE9	10%
Butyl Glycol	40%
Triethanolamine 85%	10%
Water	40%
	<hr/> 100%

## KITCHEN CLEANER

Tigerfax CO436	15%
Tigerfax NPE9	7%
Tigerfax CDE	3%
Butyl Di-Glycol	5%
Water	70%
	<hr/> 100%

## AUTO DISHWASHER RINSE AID

Tigerfax I64	20%
Water	80%
	<hr/> 100%

# Insecticides



We regularly stock synthetic pyrethroids

1. Permethrin 25:75 & 40:60
2. Cypermethrin
3. Alphacypermethrin
4. Deltamethrin
5. Bioallethrin

All of them are registered with APVMA and come in attractive pack sizes from 10 kgs upwards. The new addition to this range is Flumethrin 92%+

## Flumethrin

**IUPAC NAME:** (RS)- $\alpha$ -cyano-4-fluoro-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-( $\beta$ ,4-dichlorostyryl)-2,2-dimethylcyclopropanecarboxylate

or

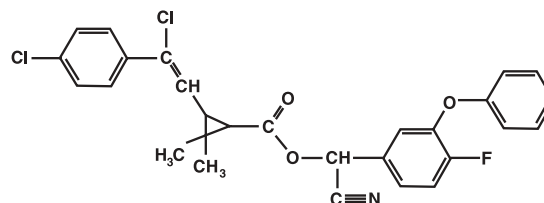
(RS)- $\alpha$ -cyano-4-fluoro-3-phenoxybenzyl (1RS)-cis-trans-3-( $\beta$ ,4-dichlorostyryl)-2,2-dimethylcyclopropanecarboxylate

**CAS:** 69770-45-2

**FORMULA:** C<sub>28</sub>H<sub>22</sub>C<sub>12</sub>FNO<sub>3</sub>

**ACTIVITY:** acaricides (pyrethroid ester acaricides)

**STRUCTURE:**



We are glad to enclose basic technical information of these chemicals for new potential users.

# Tigerfax PE Series Surfactants

These are block copolymers of Ethylene and Propylene oxide. They are versatile surfactants finding their way into applications as varied as Soil Wetting Agents, Anti-bloat for cattle and Emulsion Polymerisation. Packing is in 210 kg drums and stock is held in Melbourne. Some specifications are below:

Item	Form	Moisture	Cloud Point°C	HLB
Tigerfax PE61	Liquid	0.5% Max	22-26	3.0
Tigerfax PE62	Liquid	0.5% Max	30-34	7.0
Tigerfax PE64	Liquid	0.5% Max	56-60	15.0

# Top Tips



**WORRIED** that your teeth will be stained after a heavy night drinking red wine?  
Simply drink a bottle of white wine before going to bed to remove the stains.

**EMPLOYERS**-Avoid hiring unlucky people by immediately tossing half the CVs into the bin.



**DISCARDED PALLETS** make ideal 'designer futons' for style-conscious tramps.

# AQUASOL

WATER-BASED PIGMENT DISPERSION



# DISPERSOL

SOLVENT-BASED PIGMENT DISPERSION

Simplify paint making  
with the latest  
color technology



LET US COLOR YOUR WORLD

## Aquasol and Dispersol Pigment Dispersions

Tiger Chemicals distributes on behalf of D & L Industries, Philippines, a range of ready to use pigment dispersions. Modern paint manufacturing is heading towards using predispersed pigments in either a water/glycol or a solvent/resin medium rather than the old technique of grinding in a dry pigment in its powder form. The Aquasol and Dispersol range have excellent batch to batch tint strength meaning that a desired colour can always be reproduced by adding measured amounts of liquid colorants taking all the guesswork out of grinding in your own pigments which can easily be over or under dispersed leading to inconsistent colouring of your paints from batch to batch. Below is a list of some of the more common pigments we stock in a predispersed ready to use form. We also stock some ready to use standard colours such as Brunswick Green.

DISPERSOL				AQUASOL				
Colour Code	% Pigment	Full Shade	Tint Shade	Base Size	LOW TINTING	REWORKING	Colour Code	% Pigment
				Full Shade	Full Shade	Full Shade		
White 300	50			PR-0	0	0	White 000	30
				PR-1	7	3.4	Yellow 020	45
				PR-2	7.0	6.7	Yellow 025	40
Light Yellow 320	40			PR-34	0	0		
Medium Yellow 325	40			PR-34	0	0		
Dark Yellow 330	40			PR-34	0	0		
Yellow Oxide 332	40			PR-42	0	0	Yellow Oxide 020	60
Moist Orange 311	30			PR-104	0	0		
				PR-110	1.4	4.7	Red 007	60
				PR-13	7	4	Red 008	60
Red 000	30			PR-20.0	0.7	0		
Red Maroon 008	20			PR-22.2	0	4		
Red Oxide 012	40			PR-101	0	0	Red Oxide 012	60
Red Oxide 013	40			PR-101	0	0	Red Oxide 013	60
Red Oxide 016	40			PR-101	0	0	Red Oxide 016	70
Moist Oxide 018	40			PR-0	0	0	Brown Oxide 010	60
Moist Oxide 018	40			PR-0	0	0	Brown Oxide 018	60
Phthalic Blue 205	20			PR-10.2	0	0		
Phthalic Blue 206	10			PR-10.2	0	0	Phthalic Blue 000	40
China Green 203	30			PR-15	0	0	Phthalic Blue 007	30
Phthalic Green 304	25			PR-17	0	0	China Green 000	70
Black 000	20			PR-17	0	0	Phthalic Green 004	30
				PR-7	0	0	Black 000	40

## PEGs

PEGs, or Polyethylene Glycols are versatile products finding their way into applications as diverse as tablet coating and intermediates for defoamer manufacture. Tiger Chemicals stock PEG4000 (m.w. 4000) and PEG6000 (m.w. 6000). Both are ex-stock in flake form in 20 kg bags.

## Propylene Glycol

Pharmaceutical grade Propylene Glycol is in stock in all major states, and also in Auckland. Please give us a call to discuss your requirements. The product is suitable for all applications including industrial uses.

## Hexylene Glycol

Hexylene Glycol, which we have sold for many years, has numerous industrial applications. It is used as a coupling agent in the manufacture of hydraulic fluids, industrial cleaning products, soluble oils and dry cleaning soaps.

Hexylene Glycol is used in water-based paints as an aid in coalescence, promotes levelling and smoothness of films and preserves freeze thaw resistance.

In the manufacture of polishes and cleaners it is used as a wetting/dispersing agent.

Product is available ex stock in Melbourne and Sydney.

## Items overstocked we'd especially like to move!

Biotin 2%

Chondroitin Sulphate

Denatonium Benzoate

Ivermectin

Morantel Tartrate

Niclosamide BP93

Permethrin 25:75

Phenylbutazone

Praziquantel

Vitamin B12 1%

4-Formylimidazole

Tigerfax 164 Low  
Foaming SurfactantTigerfax CSA16 Cetyl-Stearyl  
Alc. EthoxylateTigerfax PE64 Block  
EO/PO CopolymerTigerfax TDA9  
Tridecanol Ethoxylate

Coconut Oil RBD

Triethanolamine 85%

Heptane 200 Litres

Thiamine Mono-nitrate

# ALAK'S PHARMACEUTICAL CORNER

## Agricultural and Veterinary Products

We stock a large range of Veterinary products including Anthelmintics, Pesticides and Antibiotics. Please call Alak for a quote on any of these. These items are also available at short notice to our New Zealand customers.

**Avermectin**

**Ivermectin**

**Oxantel Palmoate**

**Pyrantel Palmoate**

**Morantel Tartrate**

**Triclabendazole**

**Indole-3-Butyric Acid**

**Praziquantel**

**Prednisolone**

**Sodium Arsanilate**

**Trimethoprim**

**Frusemide**

**L-IsoLeucine USP 23**

**L-Leucine**

**L-Tyrosine**

**L-Valine**

**L-Carnitine**

**L-Glutamine**

**Cyanocobalamin**

**Hydroxocobalamin Acetate**

## Pharmaceuticals & Fine Chemicals

Rather than buy your research chemicals from a catalogue, why not give Alak a call to see what we can source for you. We regularly supply fine chemicals for research in quantities from a few grams to 50kgs.

## Product Focus

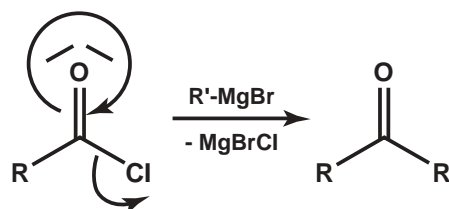
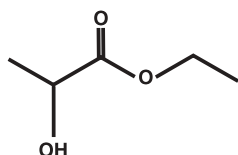
# Ethyl Lactate

The challenge to replace petrochemical solvents in industry for environmental, reliability of supply and cost has never been greater.

An option to petrochemicals is the "green solvents", solvents derived from agricultural crops. One such solvent is Ethyl Lactate. Ethyl Lactate is the ethyl ester of Lactic Acid, and lactic acid ester solvents are now being used in many industrial applications including speciality coatings, inks and cleaners.

Ethyl Lactate has many characteristics that have environmental benefits and performance advantages. It is 100% biodegradable. It is easy and inexpensive to recycle. It is non-corrosive, non-carcinogenic and non-ozone depleting. It has no environmentally hazardous ingredients and no global warming compounds. Because it has a slow evaporation rate, it is considered a very low volatility VOC.

Apart from these positive environmental attributes, Ethyl Lactate has many performance characteristics that make it a valued ingredient in coatings, paint stripper, graffiti remover and cleaners. Always available ex stock in 200 litre drums.



# Magnesium Turnings

Tiger Chemicals now stocks Magnesium Turnings. They are high purity and are used by organic chemists in the manufacture of Grignard Reagents R-Mg-X. Pack sizes from one to 25 kgs are available. An example of a reaction of a Grignard agent is given above.