

MATERIAL SAFETY AND DATA SHEET

# Tranquil

*is exclusively distributed by Syndel International Inc. for aquaculture*

Tranquil is a sedative for use in intensive fish culture operations. It blocks the stress response typically present when fish are handled. **Tranquil** is also used to tranquilize the fish for tagging, weight sampling, transportation and spawning.

**USAGE**

- Tranquil is a Tranquilizer
- Tranquil acts on the central nervous system, other compounds work only on the peripheral nervous system
- Tranquil blocks the stress response other compounds either have no effect on stress or increase stress
- Fish Sorting and Grading, fish transport, handling broodstock.
- Tranquil suppresses the cortisol hormone in fish to reduce stress during transport and handling

**RECOMMENDED  
DOSAGE &  
ADMINISTRATION  
METHOD**

- Dose for sedation: 50ppm
- **Transfer fish to clean water for a fast recovery.**
- Always test with a small group of fish first. Fish under sedation with low levels of **Tranquil** may not exhibit any behavioural changes from normal activity. The tranquilizing effect of **Tranquil** will be more apparent when the fish are disturbed (eg. During capture or handling)

**PRESENTATION**

- **Tranquil** is available in 50gm and 1kg plastic bottles.

**COMPOSITION**

- The main composition of **Tranquil** is Metomidate hydrochloride

<p><b>SAFETY PRECAUTIONS</b></p>	<ul style="list-style-type: none"> <li>• <b>Tranquil</b> has been tested in representative species of: <ul style="list-style-type: none"> <li>○ Siluriformes (eg. Ornamental catfish)</li> <li>○ Cyprinidae (eg. Carp, goldfish and minnows)</li> <li>○ Poeciliidae (eg. Platyfish, live-bearers)</li> <li>○ Pomacentridae (eg. Saltwater damsels)</li> <li>○ Centrarchidae (eg. Sunfish, cold-water bass)</li> <li>○ <b>Tranquil</b> has not been tested in all species of each group.</li> </ul> </li> <li>• The effect of <b>Tranquil</b> may vary between species in a group, physical condition of fish and water conditions.</li> <li>• A water pH of approximately 7 is most desirable.</li> <li>• Do not extend sedation beyond 36 hours.</li> <li>• Place fish in well oxygenated, high quality water, free of <b>Tranquil</b> to reverse sedation. Fish should return to normal in 5 minutes.</li> <li>• NOT recommended to be used on fish for human consumption</li> <li>• Suitable on fry, fingerling and ornamental fishes</li> </ul>
<p><b>STABILITY &amp; STORAGE</b></p>	<ul style="list-style-type: none"> <li>• <b>Tranquil</b> may be stored for extended periods at room temperature (20-30°C), is very stable when kept cool and dry away from direct sunlight.</li> </ul>