

MATERIAL SAFETY DATA SHEET

Section 1. Product Identification

Trade Name: Q-tick

Product Name : Amitraz 20% E.C.

Section 2. Hazardous Components and Contaminants

Amitraz	20%
Solvent	64%

Section 3. Typical Physical and Chemical Properties

Appearance	: yellow liquid
Odor	: petroleum odor
Specific gravity	: approx. 1 g/cc
Flash point	: 73°C
Solubility in water	: dispersible in water

Section 4. Health Effects and Toxicity Data

Toxicological Data of active ingredient:

Oral LD₅₀ (rat): 523-800mg/kg

Dermal LD₅₀ (rat): >1600mg/kg

Inhalation LC₅₀ (rat) : 65 mg/l of air

Oral toxicity:

Slightly toxic

Dermal toxicity:

Non-toxic

Inhalation toxicity:

Slightly toxic

Skin irritation:

Mild irritant

Eye irritation:

Irritant

Section 5. First Aid Procedure

Eye contact:

Flush eyes with large amount of water until irritation subsides. If irritation persists, get medical attention.

Skin contact:

Flush with large amount of water; use soap or detergent if available.

Remove grossly contaminated clothing, including shoes, and launder before reuse.

Inhalation:

Wearing proper respiratory protection before rescues. Immediately remove the affected victim from exposure to an area of fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention

Section 6. Fire and Explosion Hazard

Fire and explosion hazard:

Low hazard, liquid can burn upon heating to temperature at or above the flash point.

'Empty' containers retain product residue (liquid and/or vapor) and can be dangerous. **Do not pressurize, cut, weld, braze, solder, drill, grind or**

expose such containers to heat, flame, spark, static electricity, or other sources of ignition; they may explode and cause injury or death.

Firefighting media:

Foam, dry chemical or water spray to extinguish fire

Firefighting precaution:

Prevent contaminated liquid from entering sewers, watercourses, or low area.

Section 7. Reactivity

Reactivity:

This product should not occur any hazardous polymerization

Incompatibilities:

Avoid mixing with strong acid, strong base and strong oxidizing agent.

Decomposition:

No unusual

Polymerization:

Not happen

Section 8. Spill and Leak Control Procedure

Eliminate source of ignition. Prevent additional discharge of material, if possible to do so without hazard. Prevent liquid from entering sewers, watercourse or low area. For spills in public area, keep public away and advise local authorities.

Control procedure:

- Contain spilled liquid with sand or earth
- Recover by pumping or with a suitable absorbent.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 9. Protective Equipment

For open system where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. NIOSH/MSHA approved or equivalent

respirators may be necessary to prevent overexposure by inhalation. The use of local exhaust ventilation is recommended to control process emission near the source.

Section 10. Storage and Transportation

Storage:

- Use proper grounding procedure to avoid electrostatic accumulation
- Ambient temperature
- Atmospheric pressure

Transportation:

Amitraz 20% E.C.

Pesticide, Liquid, Toxic, NOS

Class 6.1

UN no : 2902

IMDG Code Page: 6219

Packaging Group III

Marine Pollutant