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**"For Chemical Emergency"**  
 Spill, Leak, Fire, Exposure or Accident, Call:  
 Chemtrec (24 Hours): (800) 424-9300  
 Outside U.S., call collect: (703) 527-3887

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

|   |   |
|---|---|
| PRODUCT NAME:<br><p style="text-align: center;"><b>Quali-Pro Mefenoxam 2 AQ</b></p> | CHEMICAL FORMULA:<br><p style="text-align: center;"><b>(R)-2- [(2,6-dimethylphenyl)-methoxyacetylamino] – propionic acid methyl ester</b></p> |
|---|---|

### SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

Section 313 of SARA Title III: Ingredients subject to reporting are identified by asterisk (\*)

| CAS NO.           | COMPONENT                | %           | ACGIH TLV  | OSHA PEL   | OTHER      |
|-------------------|--------------------------|-------------|------------|------------|------------|
| <b>70630-17-0</b> | <b>Mefenoxam</b>         | <b>22.5</b> | <b>N/A</b> | <b>N/A</b> | <b>N/A</b> |
|                   | <b>Inert Ingredients</b> | <b>77.5</b> |            |            |            |

### SECTION 3 - PHYSICAL PROPERTIES

|                                      |   |  |  |
|--------------------------------------|---|--|--|
| BOILING POINT:<br><b>N/E</b>         | MELTING POINT:<br><b>N/E</b>              | Specific gravity @ 20 C<br><b>1.07</b> | VAPOR PRESSURE (mmHg)<br><b>2.5 X 10<sup>-5</sup> @ 25 C</b> |
| VAPOR DENSITY (AIR=1):<br><b>N/A</b> | % SOLUBILITY IN WATER:<br><b>Miscible</b> |  | % VOLATILE BY WEIGHT:<br><b>N/E</b>                          |
| APPEARANCE:<br><b>Amber liquid</b>   | ODOR:<br><b>Sweet</b>                     |  | PH (~1% in water @ 25 C)<br><b>6-8</b>                       |

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

|   |   |
|---|---|
| FLASH POINT & METHOD:<br><b>&gt;200 F (TCC)</b> | FLAMMABLE LIMITS IN AIR - LEL: <b>N/A</b><br>UEL: |
|---|---|

EXTINGUISHING MEDIA:  
**Alcohol Foam, CO<sub>2</sub>, Dry Chemical**

SPECIAL FIRE FIGHTING PROCEDURES:  
**Wear Self-Contained Breathing Apparatus and full protective clothing**

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
**Can decompose at high temperatures causing toxic gases.**

### SECTION 5 - REACTIVITY DATA

STABILITY: **Stable**

HAZARDOUS POLYMERIZATION: **Will not occur**

HAZARDOUS DECOMPOSITION PRODUCTS:  
**During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.**

CONDITIONS & MATERIALS TO AVOID:  
**None known**

### SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION:  
**NOISH-Approved respirator with air purifying cartridge**

|                    |                                     |                                  |                                 |                       |
|--------------------|-------------------------------------|----------------------------------|---------------------------------|-----------------------|
| <b>VENTILATION</b> | LOCAL EXHAUST:<br><b>ACCEPTABLE</b> | MECHANICAL:<br><b>ACCEPTABLE</b> | SPECIAL:<br><b>NOT REQUIRED</b> | OTHER:<br><b>NONE</b> |
|--------------------|-------------------------------------|----------------------------------|---------------------------------|-----------------------|

|  |  |
|--|--|
| PROTECTIVE GLOVES:<br><p style="text-align: center;"><b>Nitrile or butyl rubber gloves</b></p> | EYE PROTECTION:<br><p style="text-align: center;"><b>Safety glasses with side shields or goggles</b></p> |
|--|--|

|  |  |
|--|--|
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT:<br><p style="text-align: center;"><b>Head covering, Rubber boots</b></p> | WORK/HYGIENIC PRACTICES:<br><p style="text-align: center;"><b>Prevent eating, drinking, tobacco use and cosmetic application where product is being used. Wash thoroughly after handling</b></p> |
|--|--|

PRODUCT NAME: Quali-Pro Mefenoxam 2 AQ

## SECTION 7 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY:

### SKIN AND EYES

CARCINOGEN:

**None known**

NTP:

**N/A**

IARC MONOGRAPHS:

**N/A**

OSHA:

**N/A**

INHALATION:

**Slightly toxic. A NIOSH-certified combination air-purifying respirator with an N, P, R95 or HE class filter and an organic vapor cartridge may be permissible if airborne concentrations are expected to exceed exposure limits.**

EYE CONTACT:

**Surfactant package contains a mild irritant of the eye. Can cause irritation.**

SKIN CONTACT:

**Slightly toxic. Non-irritating. Does not cause sensitization reactions.**

INGESTION:

**ORAL LD50 (RAT) >2,000 mg/kg. Slightly toxic. The surfactants in finished product can cause GI irritation and nausea.**

## SECTION 8 - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT:

**Immediately flush eyes with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes then continue flushing eyes. Get medical attention if irritation persists.**

SKIN CONTACT:

**Remove contaminated clothing. Wash affected area thoroughly with soap and water. Get medical attention if irritation occurs.**

INHALATION:

**Leave the area immediately and get fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.**

INGESTION:

**Have person sip of a glass of water if possible. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by a physician. Immediately contact a physician or poison control center.**

## SECTION 9 - SPILL, LEAK & DISPOSAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

**Use proper personal protective equipment. For a small spill, cover with absorbent material like pet litter. Sweep up and place in a container and assure proper disposal. Wash spill area with water containing a hard water detergent such as Tide or Spic-N-Span then absorb with absorbent material and place in container for disposal. Flush area with water to remove residue. Do not allow wash water to contaminate water supplies.**

WASTE DISPOSAL METHOD:

**Do not reuse product containers. Dispose of in an approved waste disposal area in accordance with local, state and federal regulations.**

## SECTION 10 – SHIPPING DATA

FREIGHT CLASSIFICATION:

**Fungicides, NOIBN.**

## SECTION 11 - SPECIAL PRECAUTIONS & OTHER INFORMATION

SPECIAL INSTRUCTIONS:

**Keep container closed when not in use.**

OTHER INFORMATION/PRECAUTIONS:

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

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