

## Product Data Sheet

# MAK ALL SEASON HMO

### DESCRIPTION

MAK ORCHARD HMO is specially refined emulsifiable oil designed to use alone or as an adjuvant in combination with insecticides, fungicides and pesticides. It is made up of refined petroleum oil with very high paraffinic content, high-unsulfonated residue and optimal molecular weight.

### PERFORMANCE BENEFITS

- Controls a wide variety of other pests and other diseases on apples, citrus, pears and other deciduous trees either on its own or in combination with other agrochemicals
- Enhances plant safety and lowers phytotoxicity when, used at recommended dosage

### APPLICATIONS

This oil is sprayed using conventional spraying equipment in the form of emulsion. It kills insects and mites by enveloping the pest with a continuous film of oil, which interferes with the breathing and excretion process and ultimately causes death by suffocation.

### PERFORMANCE LEVEL

- Proprietary grade

| Characteristics                   | IS 1448 | Typical Figures      |
|-----------------------------------|---------|----------------------|
| Appearance                        | --      | Clear & Bright fluid |
| Density at 15° C                  | P:16    | 0.843                |
| K.V at 40° C, cSt                 | P:25    | 15.23                |
| Pour Point, °C                    | P:10    | -15                  |
| Flash Point, (COC), °C            | P:69    | 182                  |
| Unsulphonated Residue, % Vol. min |         | 95                   |
| Molecular weight                  |         | 325                  |
| Hydrocarbon type, mass%           |         |                      |
| Saturate carbons                  |         | 98                   |
| Aromatic carbons                  |         | <2                   |

### Health and Safety

This oil is not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

**Bharat Petroleum Corporation Ltd.**

Technical Services

A' Installation, Sewree (East), Mumbai – 400 015

Phone: 022-24176354, Fax: 022-24182511 / 24166512

email: z\_techservices@bharatpetroleum.in

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