

# Material Safety Data Sheet

## ONA - PENETRATOR PS - 50

### 1 Product Identification and Use

**Product Name:** ONA – PENETRATOR PS-50  
**Product Code:** PEN  
**Product Type:** Water emulsion of organic materials  
**Chemical Family:** Mixture of terpenoids and related compounds  
**Uses:** Odor Neutralizer  
**Dangerous Goods Class:** None

#### Manufacturer / Supplier

Advance Chemicals Ltd.  
2023 Kingsway Ave.  
Port Coquitlam, B.C. Canada, V3C 1S9

### 2 Ingredients

All components are not considered hazardous by the "Hazardous Products Act" and do not appear on the Ingredient Disclosure List of hazardous substances. This is a commercial product, and the exact ratio of components may vary. Trace quantities of impurities are also likely.

### 3 Physical Data

**Physical State:** LIQUID  
**Odor and Appearance:** characteristic odor, slightly turbid  
**Vapor Pressure (kPa):** 100  
**Boiling Point(°C):** 100  
**Freezing Point(°C):** 0  
**pH:** approx. 7  
**Specific Gravity:** approx. 1.0

### 4 Fire and Explosion Data

**Flammability:** not flammable  
**Means of Extinction:** use-extinguishing media for surrounding fire  
**Flashpoint:** not flammable  
**Upper Flammable Limit:** not flammable  
**Lower Flammable Limit:** not flammable  
**Auto-ignition Temperature:** not flammable  
**Hazardous Combustion products:** not flammable  
**Explosion Data:** There is no explosion hazard from this material under normal circumstances.

### 5 Reactivity Data

**Chemical Stability:** Stable  
**Material to Avoid:** Strong acids, strong alkalis, strong oxidizers  
**Polymerization:** Will not polymerize  
**Decomposition Products:** Carbon dioxide, carbon monoxide, oxides of phosphorous, water

### 6 Toxicological Properties

#### Effects of Acute Exposure

**Swallowed:** Data suggests that the product should be considered as slightly toxic by ingestion.

**Eye:** Data suggests that this product should be classified as a moderate eye irritant.

**Skin:** Data suggests that this product presents a low hazard via skin contact. Repeated or prolonged contact may lead to dermatitic effects.

**Inhalation:** Inhalation may cause irritation to the nose and throat and cause coughing and chest discomfort.

**Primary route of exposure** is inhalation and skin and eye contact.

#### Effects of Chronic Exposure

No specific data is available for the product for chronic exposure symptoms.

### 7 Preventive Measures

#### Personal Protection

**Respiratory Protection:** A facemask or respirator is not necessary when this material is being used.

**Protective Gloves:** Rubber or PVC gloves are not generally necessary.

**Eye Protection:** Safety glass or goggles are advisory if there is any chance of splashing.

**Clothing:** Saturated clothing should be replaced with clean dry clothing.

**Safety Boots:** No special measures

#### Spills and Disposals

Stop leak if safe to do so and contain spill. Absorb into vermiculite, sand, sawdust, or other absorbent material. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Recycle containers whenever possible. This material may be suitable for approved landfill. Launder all saturated clothing before re-use.

#### Storage and Transport

No special transportation requirements. This product does not have a UN Classification.

Containers should be kept closed in order to minimize contamination.

### 8 First Aid

**Swallowed:** If swallowed, **DO NOT INDUCE VOMITING.** Rinse mouth with water. Give glass of water to drink. Contact a doctor or the Poisons Information Center if symptoms of poisoning develop.

**Eye:** If this product comes into contact with eyes, hold eyes open and wash continuously for 15 minutes with running water. Ensure irrigation under eyelids by occasionally lifting eyelids.

Do not attempt to remove contact lenses unless trained. Transport to hospital or doctor immediately if skin irritation develops. Eye wash stations or baths should be available when ever chemical product is being used.

**Skin:** If this product comes into contact with skin, rinse skin with clean water. Remove saturated clothing and footwear. Ensure saturated clothing is washed before using again. Consult doctor immediately if skin irritation develops.

**Inhalation:** If excessive fumes are inhaled, remove to fresh air. Lay patient down and keep warm. If breathing is shallow, or has stopped, ensure a clear airway, apply resuscitation or oxygen if available and transport to hospital or doctor immediately.

#### Regulatory Affairs section.

**EPA's Food and Drug Administration HHS, Section 21 CFR 182.20** state that essentials oils contained in FORMULAIR are generally recognized as safe for their intended use.

**OSHA (Occupational Safety and Health Administration):** FORMULAIR does not contain OSHA regulated materials.

**US EPA's TSCA (Toxic Substances Control Act):** All FORMULAIR components are TSCA registered

**US EPA's SARA (Superfund Amendments and Reauthorization Act):** Not listed.

**RCRA (Resource conservation and Recovery Act):** Not a hazardous waste.

#### Prepared By:

Advance Chemicals Ltd.  
2023 Kingsway Ave.  
Port Coquitlam, B.C. Canada, V3C 1S9 604-945-9666

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