

# Material Safety Data Sheet

HOOK®

MSDS ID: AP-100C

\*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

**Product Name: HOOK®**

**Manufacturer Information**

Atlantic - Pacific Trading Corp., Inc. (APTC) 625 Plumas Street Reno, NV 89509	Emergency & Technical Information: 336-260-3121 Alternate number to call: 870-829-1202
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**General Comments**

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product.

\*\*\* Section 2 - Hazards Identification \*\*\*

**Emergency Overview**

Exposure to fine spray & mist may cause irritation to eyes, nose and throat. Use NIOSH approved mask and goggles to avoid spray mist when proper ventilation is not available. This product may contain trace amounts of residual ethylene oxide and propylene oxide. See precautions in Section 8.

**Potential Health Effects: Eyes**

Based on OSHA Hazard Communication in 29 CFR, this product may cause eye irritation.

**Potential Health Effects: Skin**

Mild irritation may occur with prolonged contact with the product. Use chemical-impervious gloves when handling product to avoid skin contact. Common sense applies here as with any chemical, household or on farm.

**Potential Health Effects: Ingestion**

May be harmful if swallowed.

**Potential Health Effects: Inhalation**

Vapors and mists from the product may cause reversible respiratory irritation. Avoid breathing vapors.

**HMIS Ratings:**

**Health: 1      Fire: 1      Reactivity: 0      Pers. Prot.: B**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

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\*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
Proprietary Formulated Mixture	Alkyl Polyoxyethylene ethers, polymerized resins and fatty acids	17.6
Proprietary Formulated Mixture	Inerts	82.4
Precaution:	This product <u>may</u> contain trace amounts of residual ethylene oxide and/or propylene oxide. See precautions in Section 8. 8888	<0.0001%

### Component Information/Information on Non-Hazardous Components

All components CAS numbers are listed on TSCA 40 CFR 700. Eye Irritant. OSHA Hazard Communication may classify this product as an eye irritant, and hazardous substance as defined in 29 CFR 1910.1200. Product not regulated by EPA.

\*\*\* Section 4 - First Aid Measures \*\*\*

#### First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

#### First Aid: Skin

Exposed skin should be thoroughly rinsed with fresh water. Seek medical attention if irritation persists. Wash thoroughly after handling. Wash any contaminated clothing separately.

#### First Aid: Ingestion

DO NOT INDUCE VOMITING. Drink promptly a large quantity of milk or water. Vomiting may spontaneously, but do not induce vomiting. Never give anything by mouth to an unconscious person.

#### First Aid: Inhalation

Move patient to fresh air. If discomfort persists, seek medical attention.

#### Note to physician:

Call emergency number for additional information on the chemistry of the product if needed.

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\*\*\* Section 5 - Fire Fighting Measures \*\*\*

<b>Flash Point:</b> >200°F	<b>Method Used:</b> PMCC (Pensky Marten)
<b>Upper Flammable Limit (UFL):</b> Not determined	<b>Lower Flammable Limit (LFL):</b> Not determined
<b>Auto Ignition:</b> Not determined	

### General Fire Hazards

No unusual fire or explosion hazards.

### Hazardous Combustion Products

Carbon monoxide, carbon dioxide

### Extinguishing Media

Dry chemical, foam, carbon dioxide, and water fog.

### Fire Fighting Equipment/Instructions

Firefighters should wear self-contained air supplied breathing apparatus in enclosed areas or in areas of heavy smoke or fumes. Dike and collect water used to fight fire.

**NFPA Ratings:**                      **Health: 1**            **Fire: 1**    **Reactivity: 0**    **Pers. Prot.: B**  
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

\*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Wear NIOSH approved personal protective equipment (PPE). Contain spill. Do not allow material to run into sewers and drains.

### Clean-Up Procedures

Use NIOSH PPE approved safety equipment during a spill. Absorb spill with inert material. Shovel material into appropriately labeled, container for disposal. Dispose of in a manner consistent with federal, state and local laws. Flush small residuals to the drain for normal biological wastewater treatment.

### Evacuation Procedures

None required.

### Special Procedures

No special precautions beyond routine prudent safe handling of chemical substances are necessary. Keep container closed. Use with adequate ventilation when opening or using the adjuvant, either in its concentrated state or in a diluted state. Wash thoroughly after handling. See Section 8 for additional information on exposure.

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## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Use NIOSH approved PPE equipment. Use proper ventilation to avoid breathing mist or fumes. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.

### Storage Procedures

Keep containers closed. Store in a cool, dry place. Avoid freezing. Store at temperatures above 31 degrees Fahrenheit.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Product Exposure Limits

Product not tested for exposure limits.

### B: Component Exposure Limits

This product may contains trace amounts (<0.0001 %) of residual ethylene oxide (EO) and propylene oxide (PO), a condition which creates a very slight potential for accumulation in the headspace of shipping and storage containers. The concentration of EO & PO in the head space are not there in enough amounts to cause the OSHA 0.5 ppm action level for exposure. Handle product as stated in this MSDS and the trace amounts of EO & PO are not expected to result in acute or chronic hazards. The presence of these trace residual amounts are not expected to result in any short term or long term hazard. Use NIOSH approved Personal Protective Equipment (PPE) when manufacturing, and when spraying solutions.

Provide for protection of employees and local residents. In the event of fire, evacuate residents who are downwind of fire. Prevent unauthorized entry to the fire area. Have a medical check made of employees that may have been exposed to fumes from a fire.

### Engineering Controls

When manufacturing, use mechanical ventilation where possible and use approved NIOSH PPE (Personal Protective Equipment). If not, use approved NIOSH PPE.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment (PPE): Eyes/Face

Use appropriate approved NIOSH PPE. Splash Goggles and/or face shield, mask, if needed, is recommended.

#### Personal Protective Equipment: Skin

Use neoprene gloves and wash clothing, separately, afterwards.

#### Personal Protective Equipment: Respiratory

Use appropriate respiratory equipment recommended by NIOSH. Use engineered ventilation when available.

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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Light cream to very light yellow color	<b>Odor:</b>	Soapy
<b>Physical State:</b>	Liquid emulsion	<b>pH:</b>	5-8
<b>Vapor Pressure:</b>	Not determined	<b>Vapor Density:</b>	Not determined
<b>Boiling Point:</b>	>200°F	<b>Melting Point:</b>	>30°F
<b>Solubility (H2O):</b>	Miscible	<b>Specific Gravity:</b>	1.0 -1.05
		<b>Flash Point:</b>	>200°F (PMCC)

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under usual application conditions.

### Chemical Stability: Conditions to Avoid

See Incompatibility Section.

### Incompatibility

Oxidizing agents, acids.

### Hazardous Decomposition

Carbon monoxide, Carbon dioxide, Nitrogen Oxides.

### Hazardous Polymerization

Hazardous polymerization will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute and Chronic Toxicity

#### Acute Toxicity-LD50/LC50

Components are minimally toxic and harmful effects are not expected from short periods of contact

#### Carcinogenicity

Product Not established.

#### Component Carcinogenic effects

Trace amounts of residual ethylene oxide and propylene oxide (EO & PO) may be present in the head space. See Section 8 for more information. EO & PO are on CA, PA, MA, NJ & FL Lists of potential hazardous substances.

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\*\*\* Section 12 - Ecological Information \*\*\*

## Ecotoxicity

### Product - Ecotoxicity - Aquatic Toxicity

*Pimephales Promelas*

LC50 >24mg/l

Exposure item: 48-hours

Slightly toxic

*Cerio daphnia dubia*

LC50 >23mg/l

Exposure item: 48hours

Slightly toxic

## Environmental Fate

Not established

\*\*\* Section 13 - Disposal Considerations \*\*\*

## US EPA Waste Number & Descriptions

### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

**Excess Product:** Dispose of any unused product residue according to applicable federal, state or local procedures.

**Container Disposal:** triple rinse (or equivalent) any container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration (if allowed by state and local authorities) by burning. Dispose of in a manner consistent with federal, state and local laws.

\*\*\* Section 14 - Transportation Information \*\*\*

## International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

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\*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

Not regulated by EPA

All components listed on TSCA Inventory.

#### A: Clean Air Act

The components in this product are not subject to CERCLA.

#### B: Component Analysis – State

CA, PA, MA, NJ & FL requires Right-to-Know information since trace amounts of ethylene and propylene oxide are on their respective lists. Trace amounts of these chemicals may or may not be in the product. See Section 7 & 8 to review the handling of this product.

#### C: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

\*\*\* Section 16 - Other Information \*\*\*

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

### MSDS History

This is a revised MSDS. This MSDS conforms to ANSI 400 Standards proposed in 2004 for 2007 implementation.

This is the end of MSDS ID: AP-100C