

MATERIAL SAFETY DATA SHEET

Emergency Phone: 800-858-9300
Independent Agribusiness
Professionals, Inc.
Fresno, CA 93710

IAP Organic Spray Oil

Effective Date: 6/10/2004

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: IAP Organic Spray Oil

COMPANY IDENTIFICATION:

Independent Agribusiness Professionals, Inc.
6177 N. Thesta Ave., Suite 103
Fresno, CA 93710

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Petroleum Oil	98%
Inert Ingredients	2%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

3. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

Clear to light yellow liquid with mild petroleum odor. Causes slight to moderate eye irritation. Avoid contact with eyes, skin or clothing. Keep out of reach of children.

EMERGENCY PHONE NUMBER: 800-858-9300

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

EYE: Moderately irritating to the eyes. Degree of injury will depend on the amount of material that gets into the eyes and the speed and thoroughness of the first aid treatment.

SKIN: Prolonged or repeated skin contact may cause irritation.

INHALATION: Vapor or spray mists may be harmful if inhaled.

INGESTION: May be harmful if swallowed. Minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury. Do not induce vomiting unless directed by medical personnel.

POTENTIAL PHYSICAL or CHEMICAL HAZARD: Do not store, use or spill near heat or open flame. Do not weld heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

4. FIRST AID:

Have product container or label with you when calling a poison control center or doctor or going for treatment.

If swallowed

- Call poison control center or doctor immediately for treatment advice
- Do not induce vomiting unless told to by poison control center or doctor
- Do not give any liquid to an unconscious person

If in eyes

- Hold eye open and rinse slowly and gently with plenty of water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

If on skin

- Take off contaminated clothing.
- Rinse skin with plenty of water for 15 -20 minutes.
- Call poison control center or doctor for treatment advice.

If inhaled

- Move person to fresh air.
- If person is not breathing call 911 or an ambulance, then give artificial respiration by mouth to mouth if possible
- Call poison control center or doctor for treatment advice.

NOTE to PHYSICIAN

Contains Petroleum Distillate – Vomiting may cause aspiration pneumonia

5. FIRE FIGHTING MEASURES:

FLASH POINT: 335

FLAMMABLE LIMITS: None established

EXTINGUISHING MEDIA: Use foam, CO₂, dry chemical, carbon dioxide or water spray when fighting fires involving this material.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire upwind from a safe distance to avoid possible hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers

MATERIAL SAFETY DATA SHEET

Emergency Phone: 800-858-9300
Independent Agribusiness
Professionals, Inc.
Fresno, CA 93710

IAP Organic Spray Oil

Effective Date: 6/10/2004

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus and full, protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS: For **small spills**, absorb on sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal. For **large spills**, Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow any absorbed material to solidify, and scrape up for disposal. After removal, scrub area with detergent and flush with water.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

HANDLING: Keep out of reach of children. Use only in a well ventilated area. Loosen closure cautiously before opening as contents may develop pressure upon prolonged storage. For PPE see section 8.

STORAGE: Keep container closed when not in use. Keep away from food, feed and drinking water. Store in a well ventilated, dry place away from heat and other sources of ignition. Do not contaminate water supplies by handling and storage of product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where a potential for exposure exists. Emergency conditions may require additional precautions.

EXPOSURE GUIDELINE: (Refer to Section 3)

ENGINEERING CONTROLS: Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Safety glasses
2. Long-sleeved shirt and long pants.

3. Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or viton.
4. Shoes plus socks.

RESPIRATOR – When handling in enclosed areas where exposure limits may be exceeded, use a respirator with either an organic vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC – 23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC – 14G). Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry

USER SAFETY RECOMMENDATIONS:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL DESCRIPTION: Clear to light yellow liquid.

BOILING POINT: > 500° F

VAPOR PRESSURE: Negligible

BULK DENSITY: 0.87 (7.737 lbs/gal)

SOLUBILITY IN WATER: Emulsifiable

ODOR: Mild petroleum

pH: 6.84

MELTING POINT: Not applicable

10. STABILITY AND REACTIVITY:

STABILITY: Stable, however may decompose if heated.

CONDITIONS TO AVOID: High Temperatures, excessive heat.

INCOMPATIBILITY: Avoid exposure to strong oxidizers such as chlorates, nitrates and peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown hazardous materials may be formed in a fire situation. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiates.

HAZARDOUS POLYMERIZATION: Not known to occur.

MATERIAL SAFETY DATA SHEET

Emergency Phone: 800-858-9300
Independent Agribusiness
Professionals, Inc.
Fresno, CA 93710

IAP Organic Spray Oil

Effective Date: 6/10/2004

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY:

Oral LD ₅₀ (rat)	> 5000 mg/Kg
Dermal LD ₅₀ (rat)	> 2000 mg/ Kg
Inhalation LC ₅₀ (rat)	> 4 mg/L
Eye Irritation (rabbit)	Slight
Skin Irritation (rabbit)	Slight
Sensitization (guinea pig)	Non-sensitizer

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Possible aggravation of asthma and/or other chronic pulmonary diseases due to inhalation of vapors or spray mists.

CARCINOGEN STATUS:

OSHA - Not listed
NTP - Not listed
IARC - Not listed

MUTAGENIC DATA: No evidence of mutagenic effects during *in vitro* and *in vivo* studies.

ADDITIONAL DATA: Not known to exhibit reproductive or teratogenic (birth defect) effects.

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL SUMMARY: This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present. Do not contaminate water when disposing of equipment washwater.

13. DISPOSAL CONSIDERATIONS:

WASTE: Pesticide wastes are toxic. Dispose of in accordance with applicable Federal, State and Local laws and regulations.

CONTAINERS: Refer to product label or to dealer procedure for bulk containers.

14. TRANSPORT INFORMATION:

Follow the precautions indicated in Section 7 of this MSDS.

DOT Proper Shipping Description: Not regulated by DOT for highway transportation.

US Surface Freight Classification: ADHESIVES, SPREADERS OR STICKERS (NMFC 4610, Class 60)

15. REGULATORY INFORMATION:

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

U.S. REGULATIONS

SARA 313 INFORMATION: None

NFPA & HMIS Hazard Ratings:

NFPA	HMIS
1 Health	1 Health
1 Flammability	1 Flammability
0 Reactivity	0 Reactivity

0= least, 1= Slight, 2= Moderate, 3= High, 4= Severe

SARA Title III Hazard Category:

Immediate Y Fire N Sudden Release of
Delayed N Reactive N Pressure N

REPORTABLE QUANTITY (RQ) UNDER US CERCLA:
None

16. OTHER INFORMATION:

MSDS STATUS: Established 2/11/2003

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult Independent Agribusiness Professionals, Inc. for Further Information (559) 440-1980