



SAFETY DATA SHEET

IAP 470 Dormant Spray Oil

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT NAME: IAP 470 Dormant Spray Oil
EPA Reg. No. 71058-2

RECOMMENDED USE: Spray Oils are severely hydrotreated mineral oils used as dormant oils or as a carrier for formulated agricultural insecticide spray oils.

COMPANY NAME: Integrated Agribusiness Professionals
7108 N. Fresno St., Suite 150
Fresno, CA 93720
Phone: 559-440-1980

24-HOUR EMERGENCY PHONE NUMBERS: INFOTRAC (Spill, Leak, or Fire): 1-800-535-5053
POISON CONTROL CENTER: 1-800-222-1222

2. HAZARD IDENTIFICATION:

Hazard Classifications: Aspiration Hazard: Category 2
Acute Dermal Toxicity: Category 5
Skin Corrosion/Irritation: Category 3

Signal Word: Warning

Pictogram:



Hazard Statements:

- H305: May be harmful if swallowed and enters airways.
- H313: May be harmful in contact with skin.
- H316: Causes mild skin irritation.
- P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P331: Do NOT induce vomiting.
- P332 + P313: If skin irritation occurs: Get medical advice/attention.
- P312: Call a POISON CENTER or doctor if you feel unwell.
- P405: Store locked up.
- P501: Dispose of contents/containers to an approved waste disposal plant.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

| Chemical Name | CAS No. | Concentration |
|-------------------|-------------|---------------|
| Mineral Oil | 8042-47-5 | 98.5% |
| Other Ingredients | Proprietary | 1.5% |

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4. FIRST AID MEASURES:

| | |
|----------------------|--|
| IF SWALLOWED: | <ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Rinse mouth with water.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| IF IN EYES: | <ul style="list-style-type: none">• 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 a poison control center or doctor for treatment advice. |
| IF ON SKIN: | <ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none">• 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 a poison control center or doctor for treatment advice. |

Note to Physician: This product contains petroleum distillates and may pose an aspiration pneumonia hazard.

Have product container or label with you when calling a poison control center or doctor or going for treatment. In case of poisoning, contact your Poison Control Center at 1-800-222-1222.

5. FIRE FIGHTING MEASURES:

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

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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

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

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 (PPE)

Mixers, loaders, applicators, flaggers, and other handlers must wear:

1. Long-sleeved shirt and long pants.
2. Chemical-resistant gloves made of barrier laminate or nitrile rubber or neoprene rubber or viton.
3. 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:

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Clear to light yellow liquid

ODOR: Mild petroleum

ODOR THRESHOLD: Not available

pH: Not available

MELTING POINT/FREEZING POINT: Not applicable

BOILING POINT: Not available

FLASH POINT: >200° F

EVAPORATION RATE: Not available

FLAMMABILITY (Solid, Gas): Not available

UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS: Not available

VAPOR PRESSURE: Negligible

VAPOR DENSITY: Not available

BULK DENSITY: 0.8597 (7.162 lbs/gal)

SOLUBILITY IN WATER: Emulsifiable

PARTITION COEFFICIENT (n-Octanol/Water): Not available

AUTO-IGNITION TEMPERATURE: Not available

DECOMPOSITION TEMPERATURE: Not available

VISCOSITY: Not available

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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.

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY:

| | |
|-----------------------------------|----------------------|
| Oral LD ₅₀ (rat) | > 5000 mg/Kg |
| Dermal LD ₅₀ (rat) | > 2000 mg/ Kg |
| Inhalation LC ₅₀ (rat) | > 5.2 mg/L |
| Eye Irritation (rabbit) | Mild eye irritation |
| Skin Irritation (rabbit) | Mild skin irritation |
| Sensitization (guinea pig) | Non-sensitizer |

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, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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:

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

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

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15. REGULATORY INFORMATION:

FIFRA INFORMATION:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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:

SDS DATE: 04/13/16. Supersedes version dated 10/15/15.

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