



Product: HORTICULTURAL OIL SPRAY
EPA Reg. No.: 869-67
Effective Date: 07/31/1996

MATERIAL SAFETY DATA SHEET
Emergency Phone 800/535-5053

Size	Product Number	UPC Code
Quart	06732	0 49424 06732 9
½ Gallon	06764	0 49424 06764 0
Gallon	06701	0 49424 06701 5

Note: Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. INGREDIENTS:

Lubricating Oil Base Stock 100% CAS No. 64742-55-8

2. PHYSICAL DATA:

BOILING POINT: 540°F (282°C)
VAPOR PRESSURE: Less than 0.01 mm Hg @ 20°C
SOL. IN WATER: Negligible
SPECIFIC GRAVITY: 0.85
POUR CONGEALING OR
MELTING POINT: 20°F (-6°C)
APPEARANCE: Clear liquid, light yellow color
ODOR: Mild, bland petroleum odor

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 360°F (182°C)
METHOD USED: Cleveland Open Cup
FLAMMABLE LIMITS: LEL: 0.9%; UEL: 7%
EXTINGUISHING MEDIA: Dry chemical, CO₂, foam, water spray.
FIRE-FIGHTING EQUIPMENT: If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

"EMPTY" CONTAINER WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. See DISPOSAL METHODS.

4. REACTIVITY DATA:

STABILITY: Stable and will not react violently with water.
INCOMPATIBILITY (Specific materials to avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR
SPILLS/LEAKS: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has



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DISPOSAL METHOD:

entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

6. HEALTH HAZARD DATA:

EYES:

Irritation.

SKIN CONTACT:

Prolonged or repeated contact may cause irritation and dermatitis. Acute dermal LD50 rabbit: 3.16 g/kg of body weight

INGESTION:

Acute oral LD50 rat: 5 g/kg of body weight

INHALATION:

Minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

7. FIRST AID:

EYES:

Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN:

Remove any contaminated clothing and wash skin thoroughly with soap and water.

INGESTION:

Do not induce vomiting. Call a physician immediately.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S):

OSHA: 5 mg/m³ for oil mist in air.

ACGIH:

5 mg/m³ for oil mist or fumes. (10 mg/m³ STEL)

VENTILATION:

Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights.

RESPIRATORY PROTECTION:

Use supplied-air respiratory protection in confined or enclosed spaces, if needed. Minimize breathing vapor, mist or fumes.

SKIN PROTECTION:

Use chemical resistant gloves and apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact. Remove contaminated clothing; launder or dry-lean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

9. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:

Insecticides, Agriculture, Liquid, N.O.I.

DOT SHIPPING #:

None

FREIGHT CLASS:

102120

SHIPPING CLASS:

60

HAZARD CLASS:

None



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10. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN

IN HANDLING AND STORAGE:

Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate as of the effective date given above, Green Light makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Green Light's control. Therefore, users are responsible for determining whether under their own operating conditions the product is suitable for their particular use. Users assume all risks of use, handling, and disposal of the product. The publication or use of, or reliance upon, information contained herein does not relate to the use of this product in combination with any other material or in any other process.