

THINVERT® RTU (Ready to Use)

THINVERT® RTU Deposition Aid is designed for use as a part of the THINVERT® Application System. This system combines a unique spray nozzle and the spray fluid into a coordinated unit for ground and aerial application to railroads, roadsides, rangeland, cropland, industrial sites, forests, and landscape areas, and for control of invasive weed species on wetlands, ditchbanks, and marginal areas using herbicides that are approved for aquatic sites. Add active ingredients according to instructions on the label.

Principal functioning agents:

Paraffinic oil blend.....	31.6%
Emulsifier/surfactant blend.....	1.8%
Inert ingredients.....	67%

CAUTION

Keep out of reach of children
Observe other cautions below

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing spray mix or vapors. Wear eye protection when mixing to protect eyes. Liquid may cause eye injury. In case of contact with eyes, flush immediately with clean water and get medical attention for eyes. Observe all precautions on the labels of products mixed with this product.

NET CONTENTS: _____ Gallons

WSI

Waldrum Specialties, Inc.

P.O. Box 1146, Southampton, PA 18966
Phone 215 348-5535 FAX 215 348-5541

Web: <http://www.waldrum-specialties.com>
email info@waldrum-specialties.com

THINVERT® RTU

Directions for use

General information

THINVERT® RTU is formulated for use as a part of the THINVERT® Application System. It can be used with THINVERT Backpack nozzles, THINVERT Widecast™ nozzles, or the RADIARC® Sprayer to increase spray deposition, reduce spray evaporation, and control spray drift. THINVERT RTU is a ready-to-use thin inert emulsion that can be used with conventional pumps and spray systems to apply herbicides, insecticides, fungicides and plant growth regulators to railroads, rangeland, cropland, industrial sites, forests and landscape areas, and for control of invasive weed species on wetlands, ditchbanks, and marginal areas using herbicides that are approved for aquatic sites. Avoid applications that may leave a sheen on the water surface. Make aquatic applications directly to plant foliage only.

Preparing tank mixes with common herbicides:

Add water soluble or emulsifiable herbicides such as Accord®, Rodeo®, Arsenal®, Habitat®, Garlon® 3A, Garlon® 4 or Krenite® to THINVERT RTU while agitating vigorously. If dry flowable herbicides such as Escort® or Oust® are used, mix them with a small quantity of water and add them slowly to the spray tank. Continue agitation.

Do not add surfactants to THINVERT/herbicide mixtures. If unsprayed mixtures remain in the spray tank over night, agitate thoroughly before spraying and circulate material in the hoses.

Nozzle selection:

THINVERT spray nozzles are patented, specially designed nozzles that form small uniform droplets when used with THINVERT emulsions. They give effective coverage of leaf surfaces with economical low spray volumes, and minimize spray drift and evaporation of spray droplets.

THINVERT® Backpack nozzles:

- #71510 - 6" swath for individual plant sprays
- #71531 - 2-3' swath for individual plant sprays
- #81531 - 2-3' swath for brush and tree control
- #15105 - 1-2" swath for tall trees
- #73019 - 5-6' swath for broadcast applications

THINVERT® Widecast™ Nozzles

#1534 - for cut stubble and foliar applications mounted on skidder, truck, or ATV
THINVERT - The RADIARC® Sprayer with Special Low-volume patterns can be used. (Contact Waldrum Specialties for details)

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Garlon® 3A, Garlon® 4 Ultra, Accord® and Rodeo are registered trademarks of Dow AgroSciences. Escort XP®, Oust XP® and Krenite S® are registered trademarks of Dupont. Arsenal® and Habitat® are registered trademarks of BASF. THINVERT® and RADIARC® are registered trademarks of Waldrum Specialties, Inc. THINVERT formulations and THINVERT spray nozzles are patented products of Waldrum Specialties, Inc.

Ingredients in THINVERT® RTU are exempt from the requirements of crop tolerance under Title 40, CFR, 180.1001 (c)

WSI warrants THINVERT® RTU to conform to the label description. It is suitable for the purposes described on the label. No other warranty is expressed or implied.

Waldrum Specialties, Inc.

Issue date 11/30/92

P.O. Box 1146

Emergency Phone 215 348-5535

Southampton, PA 18966

Product Name:

THINVERT® RTU Deposition Aid

Chemical Name:

Not applicable: blend

Chemical family:

Synthetic Isoparaffinic Hydrocarbon mixed with emulsifiers,
nonionic surfactant blend, and water to form a thin invert emulsion

1. INGREDIENTS: (% w/w, unless otherwise noted)

Isoparaffinic hydrocarbon blend	31.6%
Other ingredients, including water, proprietary emulsifiers, and surfactants	68.4%

2. PHYSICAL DATA

Boiling point: No data

. HEALTH INFORMATION AND PROTECTION

GENERAL:

No toxicity information is available on this specific preparation;
this health hazard assessment is based on information that is
available on its components.

EYE CONTACT:

Slightly irritating, but does not injure eye tissue

SKIN CONTACT:

Frequent or prolonged contact may irritate and cause dermatitis.
Low order of toxicity.

INHALATION:

High vapor/aerosol concentrations (greater than 700 ppm, attainable at
elevated temperatures well above ambient) are irritating to the eyes and
the respiratory tract, and may cause headaches, dizziness, anesthesia,
drowsiness, nausea and mucous membrane irritation of eyes, nose, throat,
and respiratory passages.

INGESTION:

Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury. Minimal toxicity.

3. FIRST AID

EYE CONTACT

Flush with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT

Remove contaminated clothing and footwear. Wash skin with large amounts of soap and water. Wash contaminated clothing and decontaminate footwear before reuse.

INHALATION

Remove victim to fresh air. If cough or other respiratory problems develop, get medical attention.

INGESTION

If swallowed, do not induce vomiting. Keep at rest. Get prompt medical attention.

4. FIRE AND EXPLOSION HAZARD

Flash point: 200 degrees F, 93.4 degrees C.
Autoignition temperature: no data

GENERAL HAZARD:

Some components of this product are combustible, and may form combustible mixtures at or above the flashpoint. Empty container retains product residue. Keep away from heat, sparks, or flame. Do not weld or use a cutting torch near container. Do not distribute, make available furnish or reuse empty container except for storage and shipment of original product. Empty drums should be completely drained, and reconditioned, or properly disposed of.

FIRE FIGHTING:

Use water spray to cool fire-exposed surfaces and protect personnel. Isolate fuel supply from fire.

Use foam, dry chemical, or water spray to extinguish fire.

HAZARDOUS COMBUSTION PRODUCTS

No unusual.

5. REGULATORY INFORMATION

TSCA

All ingredients are on the TSCA Inventory

Crop tolerance

All ingredients are exempted from the requirement of a tolerance when applied to growing crops or to raw agricultural commodities after harvest

6. REACTIVITY DATA

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

None

7. STORAGE AND HANDLING

STORAGE TEMPERATURE

Ambient

LOADING/UNLOADING TEMPERATURE

Ambient

STORAGE/TRANSPORT PRESSURE

Atmospheric

Note: In containers of 119 gallons capacity or less, this product is not regulated by DOT.

8. SPILL OR LEAK PROCEDURES

Wear skin, eye and respiratory protection during cleanup. Soak up liquid with absorbent and shovel into waste container. Cover container and remove from work area. Wash residue from spill area with hot water containing a detergent and flush to a sewer serviced by a wastewater treatment facility.

Disposal method: Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container Disposal: Empty container retains product residue. Keep away from heat, sparks, or flame. Do not weld or use a cutting torch near container. Do not distribute, make available furnish or reuse empty container except for storage and shipment of original product. Return for refilling if service is available. Remove all product residue and puncture or otherwise destroy empty container before disposal.

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