

SAFETY DATA SHEET

Date Revised: 01-30-2018

1.) Identification:

Product and Company Designation

Product Name: THINVERT® Concentrate

Description: Deposition Aid

Manufacturer: Waldrum Specialties, 941 Nixon Drive, Mechanicsburg, PA 17055

Emergency Contact: in the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals- call CHEMTREC (800)424-9300

2.) Hazards Identification:

GHS Hazard Classification:

Health: 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. If swallowed, do not induce vomiting. Keep at rest. Get prompt medical attention. Inhalation- high vapor/aerosol concentration greater than 700 ppm are irritation to the eyes at elevated temperatures, well above ambient, may cause headaches, dizziness, anesthesia. Drowsiness and irritation of mucus membranes in eyes, nose, throat and respiratory passages.

Label Elements

Hazard Pictograms



Signal word: **WARNING**

Hazard Statements:

If swallowed, do not induce vomiting
Causes mild skin irritation
Eye contact slightly irritating
Irritation of mucus membranes

Precautionary Statements:

Prevention:

Avoid breathing dust, fumes, gas, mist, vapors, spray
Wash hands, face, and other affected areas thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in well ventilated area
Wear protective gloves, protective clothing, and eye and or face protection

Response:

If swallowed: Call a Poison Center or doctor/ physician if you feel unwell
Rinse mouth
If on skin: wash with plenty of soap and water
If skin irritation occurs: get medical advice/attention
Take off contaminated clothing and wash before reuse
If inhaled: Call a Poison Center or doctor/physician if you feel unwell
If in eyes: rinse continuously with water for several minutes. Remove contact lenses if present and easy to do- continue rinsing
If eye irritation persists: get medical advice or attention

3.) Composition/Information on Ingredients:

Proprietary isoparaffinic hydrocarbon blend	94.69%
Other ingredients including	
Proprietary emulsifiers and surfactants	<u>5.31%</u>
	100%

4.) First Aid Measures:

Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhaled: High vapor/aerosol concentrations greater than 700 ppm (attainable at elevated temperatures well above ambient) are irritation to the eyes and respiratory tract and may cause headaches, dizziness, anesthesia, drowsiness, nausea, and mucus membrane irritation of the 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 with minimal toxicity.

5.) Fire Fighting Procedures:

Extinguishing media: Use water spray, alcohol foam, dry chemical, or carbon dioxide (CO₂)

Firefighting procedures: Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing risk of injury. Use water spray/fog for cooling containers and firefighters. Minimize run off if possible. Notify proper authorities if liquid material enters the sewer or public waters.

Fire Fighting Equipment: as with any fire, wear self-contained breathing apparatus pressure demand. (MSHA/NIOSH approved or equivalent) and full protection gear.

6.) Accidental Release Measures:

Spill and Leak Response: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

Personal Protective Equipment: The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well-ventilated area), use impermeable gloves, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with the latest OSHA and ANSI recommendations.

Environmental Precautions: Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways and if necessary, call the local fire or police department for immediate assistance.

Containment and Cleanup: Absorb spilled liquid with poly-pads or other absorbent materials. If necessary neutralize using suitable buffering material (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as sand or soil). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

7.) Handling and Storage:

Handling: Follow all SDS/label precautions when using the product. Do not reuse the container

Storage: Minimize exposure to prolonged periods of high temperature for product integrity

8.) Exposure Controls/Personal Protection:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

Respiratory Protection: For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator if necessary.

Eye Protection: Wear OSHA standard chemical splash goggles or safety glasses.

Skin Protection: Clean, body-covering clothes should be worn. Use impervious gloves such as neoprene or rubber gloves.

9.) Physical and Chemical Properties:

Appearance	White viscous liquid
Odor	Alcohol
pH	5 – 7
Freeze/Melting Point	Not Determined
Specific Gravity	Not Determined
Boiling Point	Not Determined
Solubility in water	Emulsifiable
Viscosity	Variable
Odor Threshold	Not Determined
Evaporation Rate	Not Determined
Upper/Lower Flammability Limits	Not Determined
Vapor Pressure	Not Determined
Vapor Density	Not Determined
Partition Coefficient	Not Determined
Auto-Ignition Point	Not Determined

10.) Stability and Reactivity

Chemical Stability: Stable at ambient temperatures and atmospheric pressure

Conditions to Avoid: Avoid heat and open flame. Isolate from strong oxidizing agents

Hazardous Decomposition: Combustion may yield carbon oxides and other asphyxiants

Hazardous Polymerization: Will not occur

11.) Toxicological Information

Acute:

LD ₅₀ Oral	Rat	≥ 1,300 mg/kg
LD ₅₀ Dermal	Rabbit	≥ 2,000 mg/kg

Eye – may cause irritation to eyes including redness, tearing, blurred vision and mild discomfort

Skin – may cause mild irritation to skin including defatting and dermatitis. Absorption through skin increases exposure. Prolonged use may cause more severe irritation such as local redness and swelling.

Inhalation – may irritate the respiratory tract and cause discomfort to nose and throat

Ingestion – Swallowing can cause severe abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product

Chronic – No Information Available

12.) Ecological Information

Environmental Data: No Information Available

13.) Disposal Considerations

Disposal Method: Do not contaminate water, food or feed by disposal

Product Disposal: P501 – Disposal of contents / container must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules).

Empty Container: Empty containers must be handled properly due to product residue

14.) Transportation Information

Shipping Description: Not Regulated for ground transportation by US DOT

15.) Regulatory Information

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311 / 312 Hazard Categories – Acute Health Hazard

313 Reportable Ingredients – None

302 / 304 Emergency Planning – None

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65) – This product contains no chemicals known to the state of California to cause cancer or reproductive toxicity

Trace Elements: Trace ingredients (if any) are present in < 1% concentration (<0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), US State equivalents and Canadian Hazardous Material Identification System Standard (CPR 4)

16.) Other Information

Reason for Issue: update to hazard classification

Approval by: Waldrum Specialties, Inc.

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