

Infinity (Liquid) (Rev 2-21-24)

SDS Number: L40F

Revision Date: 2/21/2024

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Identifier: Infinity (Liquid) (Rev 2-21-24)
SDS Number: L40F
Product Code: L40
Revision Date: 2/21/2024
Product Use: Penetrating Oil

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 3
Health, Aspiration hazard, 2
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H226 - Flammable liquid and vapor
H305 - May be harmful if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/light/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P311 - Call a POISON CENTER or doctor/physician.

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P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331 - Do NOT induce vomiting.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Inhalation, ingestion, skin absorption, eyes
Target Organs: NA
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness, or asphyxiation.
Skin Contact: Causes slight irritation due to defatting of skin.
Eye Contact: Causes irritation
Ingestion: Causes irritation, nausea, vomiting, and diarrhea. Harmful if swallowed.

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COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	%	Chemical Name:
64742-47-8	15-40%	Distillates, petroleum, hydrotreated light
64742-46-7	15-40%	Distillates, petroleum, hydrotreated middle
64742-95-6	7-13%	Petroleum Solvent
34590-94-8	5-10%	Dipropylene glycol methyl ether
78-92-2	1-5%	Butyl Hydrate
123-42-2	<5%	Hydrocarbon Solvent
8002-09-3	<10%	Terpene Alcohols and Hydrocarbon

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FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical advice/attention.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

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FIRE FIGHTING MEASURES

Flammability: Flammable liquid
Flash Point: 115 Deg. F
Flash Point Method: PMCC
 Extinguishing media: Foam, dry chemical, carbon dioxide
 Special Fire fighting procedures: Do not use water or product will float and reignite. Use self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: Do not expose to temperatures above 130 Deg. F. or container may rupture.

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6	ACCIDENTAL RELEASE MEASURES
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Absorb with suitable medium.

7	HANDLING AND STORAGE
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Handling Precautions: Handle all containers carefully.

Storage Requirements: Do not store at temperatures above 130 Deg. F. Keep out of reach of children.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Ventilation Requirement: Explosion- proof ventilation to control vapor concentrations.
Personal Protective Equipment: HMIS PP, B | Goggles, Gloves
 Respiratory Protection: If vapor concentration exceeds TLV, use NIOSH-approved respirator for organic vapor
 Protective gloves: Chemical resistant
 Eye protection: Safety glasses/ goggles

Hygienic work practices: Wash with soap and water before handling food.

Dipropylene glycol methyl ether cas#:(34590-94-8) [5-10%]

Components with workplace control parameters

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)
 Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

STEL 150 ppm USA. ACGIH Threshold Limit Values (TLV)
 Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption

TWA 100 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
 600 mg/m3 Limits for Air Contaminants
 Skin designation The value in mg/m3 is approximate.

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
 600 mg/m3 1910.1000
 Skin notation

STEL 150 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
 900 mg/m3 1910.1000
 Skin notation

TWA 100 ppm USA. NIOSH Recommended Exposure Limits
 600 mg/m3
 Potential for dermal absorption

ST 150 ppm USA. NIOSH Recommended Exposure Limits
 900 mg/m3
 Potential for dermal absorption

Butyl Hydrate cas#:(78-92-2) [1-5%]

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Components with workplace control parameters

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)

Central Nervous System impairment Upper Respiratory Tract irritation

 TWA 150 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
 450 mg/m3 Limits for Air Contaminants

The value in mg/m3 is approximate.

 TWA 100 ppm USA. NIOSH Recommended Exposure Limits
 305 mg/m3

 ST 150 ppm USA. NIOSH Recommended Exposure Limits
 455 mg/m3

Hydrocarbon Solvent cas#:(123-42-2) [<5%]

Components with workplace control parameters

TWA 50 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation

 TWA 50 ppm USA. NIOSH Recommended Exposure Limits
 240 mg/m3

 TWA 50 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
 240 mg/m3 Limits for Air Contaminants

The value in mg/m3 is approximate.

 TWA 50 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
 240 mg/m3 1910.1000

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PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Reddish orange liquid

Physical State: Liquid

Spec Grav./Density: 0.84 +/- 0.05

pH: Not Applicable

Odor: Terpene

Solubility: Insoluble

Percent Volatile: 85-95%

Flash Point: 115 Deg. F

VOC: 32% Wt.

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STABILITY AND REACTIVITY
Chemical Stability: Stable

Conditions to Avoid: Open flame, welding arcs, heat, sparks

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur

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TOXICOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

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Distillates, petroleum,hydrotreated light (64742-47-8) and
Distillates, petroleum,hydrotreated middle (64742-46-7)

Inhalation Toxicity: Minimally toxic. Based on test data for structurally similar materials.

Irritation: Negligible hazard at ambient/normal handling temperatures. Based on test data for structurally similar materials.

Ingestion Toxicity: LD50> 15000 mg/kg

Skin Toxicity: LD50>3160 mg/kg

Irritation: Mildly irritatin to skin with prolonged exposure.
Based on test data for structurally similar materials.

Eye Irritation: May cause mild, short-lasting discomfort to eyes.
Based on test data for structurally similar materials.

Petroleum Solvent (64742-95-6)

Ingestion LD50 3000 mg/kg

Skin LD50 3160 mg/kg

Dipropylene glycol methyl ether cas#:(34590-94-8) [5-10%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 5,152 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Mild eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

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Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: JM1575000

Butyl Hydrate cas#:(78-92-2) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 2,193 mg/kg Remarks: Behavioral:Somnolence (general depressed activity). Behavioral:Ataxia. Behavioral:Coma.

Inhalation LC50 Dermal LD50 LD50 Dermal - rat - > 2,000 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Reproductive toxicity - rat - Inhalation:

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Effects on Embryo or Fetus: Fetal death. Specific Developmental Abnormalities: Musculoskeletal system.
no data available

Teratogenicity: Developmental Toxicity - rat - Inhalation:

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Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Signs and Symptoms of Exposure: Nausea, Dizziness, Headache, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: EO1750000

Hydrocarbon Solvent cas#:(123-42-2) [<5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 2,520 mg/kg Remarks: Behavioral:Tremor. Behavioral:Convulsions or effect on seizure threshold.
Liver:Other changes.

Inhalation LC50 LC50 Inhalation - rat - 4 h - 1500 ppm

Dermal LD50 LD50 Dermal - rabbit - 13,500 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

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no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Central nervous system depression, Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness., Blood disorders, Dermatitis, Blurred vision, Effects due to ingestion may include:, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: SA9100000

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ECOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

Distillates, petroleum,hydrotreated light (64742-47-8)and
Distillates, petroleum,hydrotreated middle (64742-46-7)
Ecotoxicity- Not expected to be harmful or to demonstrate chronic
toxicity to aquatic organisms.
Biodegradation- Expected to be readily biodegradable.

Petroleum solvent (64742-95-6)
Expected to be readily biodegradable.

Dipropylene glycol methyl ether cas#:(34590-94-8) [5-10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1,919 mg/l - 48 h.

and other aquatic invertebrates

Persistence and degradability: Biodegradability

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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Butyl Hydrate cas#:(78-92-2) [1-5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 3,670 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 4,227 mg/l - 48 h.
and other aquatic invertebrates

EC100 - Daphnia magna (Water flea) - 5,000 mg/l - 24 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Hydrocarbon Solvent cas#:(123-42-2) [<5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 420 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 9,000 mg/l - 24 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13	DISPOSAL CONSIDERATIONS
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This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: Not Regulated

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

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-
- [15-40%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA
 - [15-40%] Distillates, petroleum, hydrotreated middle (64742-46-7) TSCA
 - [7-13%] Petroleum solvent (64742-95-6) TSCA
 - [5-10%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR
 - [1-5%] Butyl Hydrate (78-92-2) MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR
 - [<5%] Hydrocarbon solvent (123-42-2) MASS, OSHAWAC, PA, TSCA, TXAIR
 - [<10%] Terpene Alcohols and Hydrocarbon (8002-09-3) TSCA

This product is not for sale or distribution in California

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

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- TSCA = Toxic Substances Control Act
 - MASS = MA Massachusetts Hazardous Substances List
 - OSHA = OSHA Workplace Air Contaminants
 - PA = PA Right-To-Know List of Hazardous Substances
 - TXAIR = TX Air Contaminants with Health Effects Screening Level
 - NJHS = NJ Right-to-Know Hazardous Substances
 - SARA313 = SARA 313 Title III Toxic Chemicals

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

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