

Infinity (Liquid)

SDS Number: L40E

Revision Date: 4/24/2019

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: Infinity (Liquid)
SDS Number: L40E
Product Code: L40
Revision Date: 4/24/2019
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):

Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Physical, Flammable Liquids, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H226 - Flammable liquid and vapor

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.

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P311 - Call a POISON CENTER or doctor/physician.
 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

Chemical 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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ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium.

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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.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Reddish orange liquid	Odor:	Terpene
Physical State:	Liquid	Solubility:	Insolubile
Spec Grav./Density:	0.84 +/- 0.05	Percent Volatile:	85-95%
pH:	Not Applicable	Flash Point:	115 Deg. F
		VOC:	32% Wt.

10	STABILITY AND REACTIVITY
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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

11	TOXICOLOGICAL INFORMATION
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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)

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

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Dipropylene glycol methyl ether (34590-94-8)
Oral LD50 5.4 ml/kg (Rat)
Skin LD50 >20 ml/kg (Rabbit)

Hydrocarbon solvent (123-42-2)
Oral LD50 3950 mg/kg (Mouse)
Oral LD50 4gm/kg (Rat)
Skin LD50 13500 mg/kg (Rabbit)

Butyl Hydrate (78-92-2)
Oral LD50 2193 mg/kg (Rat)
Dermal LD50 >2 g/kg (Rat)
Inhalation LC50 48500 mg/m³ 4 h (Rat)

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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 (34590-94-8)
Material is practically non-toxic to aquatic organisms on an acute basis
LC50 or EC50>100mg/L
Acute LC50 >150 mg/L emerald shiner (Notropis atherinoides)
Acute LC50>10000 mg/L fathead minnow (Pimephales promelas)
Acute LC50 1919 mg/L water flea Daphnia
The 21-day no observed effect concentration level (NOEC) (reproduction) in water flea Daphnia magna is > 0.5 mg/L
Maximum acceptable toxicant concentration (MATC) in water flea Daphnia magna is >0.5 mg/L
Growth inhibition threshold in bacteria is 4168 mg/L.
Growth inhibition EC50 in green alga Selenastrum capricornutum is >969 mg/L

Bioconcentration potential is low (BCF less than 100 or Log Pow less than 3)
Material is readily biodegradable: Passes OECD test(s) for ready biodegradability.
Biodegradation reached in Modified OECD Screening Test (OECD Test No. 301E) after 28 days: 72.9%
Biodegradation reached in Manometric Respirometry Test (OECD Test No. 301F) after 28 days: 75%

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Hydrocarbon solvent (123-42-2)

Ecotoxicity

Fish: LC50 420 mg/L 96hr; Static Conditions, 23 degrees C (Bluegill/Sunfish)

LC50 5000 mg/L 24hr; unspecified conditions (Goldfish)

water Flea: EC50 8750 mg/L 48hr Microtox test

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DISPOSAL CONSIDERATIONS

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

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

- *Distillates, petroleum, hydrotreated light (64742478 15-40%) TSCA
- *Distillates, petroleum, hydrotreated middle (64742467 15-40%) TSCA
- *Petroleum solvent (64742956 7-13%) TSCA
- *Dipropylene glycol methyl ether (34590948 5-10%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Butyl hydrate (78922 1-5%) MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR
- *Hydrocarbon solvent (123422 <5%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Terpene Alcohols and Hydrocarbon (8002093 <10%) 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 KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

TSCA = Toxic Substances Control Act

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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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