

Infinity (Aerosol)

SDS Number: A135A

Revision Date: 4/2/2018

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Identifier: Infinity (Aerosol)
SDS Number: A135A
Product Code: A135
Revision Date: 4/2/2018
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 Aerosols, 1
Health, Aspiration hazard, 1
Health, Respiratory or skin sensitization, 1 Skin
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H222 - Extremely flammable aerosol
H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352 - If on skin: Wash with plenty of water.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do
Continue rinsing.

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- P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
- P321 - Specific treatment (see ... on this label).
- P331 - Do NOT induce vomiting.
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337 - If eye irritation persists:
- P363 - Wash contaminated clothing before reuse.
- P405 - Store locked up.
- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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 serious eye irritation
- Ingestion:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. May be fatal if swallowed and enters airways.

3 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	1.5-10%	sec-Butyl alcohol
123-42-2	<5%	Diacetone alcohol
8002-09-3	<10%	Pine oil

4 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.

5 FIRE FIGHTING MEASURES

- Flammability:** Extremely Flammable Aerosol
- Flash Point:** 115 Deg. F
- Flash Point Method:** PMCC
- Burning Rate:** ND
- Autoignition Temp:** ND
- LEL:** ND

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UEL: NDSuitable extinguishing media: Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO₂).

Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical : Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special protective equipment and precautions for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards: Extremely flammable aerosol.

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ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions: Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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HANDLING AND STORAGE**Handling Precautions:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Storage Requirements:

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

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EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Ventilation Requirement: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

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Personal Protective Equipment:

HMIS PP, B | Goggles, Gloves
 Eye/face protection: Face shield is recommended. Wear safety glasses with side shields (or goggles).
 Hand protection : Wear appropriate chemical resistant gloves.
 Skin protection (Other): Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
 Respiratory protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Reddish orange liquid	Odor:	Terpene
Physical State:	Liquid	Solubility:	Insoluble
Spec Grav./Density:	0.84 +/- 0.05	Percent Volatile:	85-95%
Vapor Pressure:	130-140 Psi	Flash Point:	115 Deg. F
		VOC:	32% Wt.

10	STABILITY AND REACTIVITY
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Chemical Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to Avoid:	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
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 (CAS 64742-47-8)

Acute
Dermal

LD50 > 2000 mg/kg (Rabbit)

LD50 > 2000 mg/kg, 24 Hours (Rabbit)

Inhalation

LC50 > 7.5 mg/l, 6 Hours (Rat)

LC50 > 4.6 mg/l, 4 Hours (Rat)

Oral

LD50 > 5000 mg/kg (Rat)

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

Distillates, Petroleum, Hydrotreated Middle (CAS 64742-46-7)

Acute
Dermal

LD50 > 2000 mg/kg, 24 Hours (Rabbit)

Inhalation

LC50 7640 mg/m3, 4 Hours (Rat)

LC50 1.72 mg/l, 4 Hours (Rat)

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Solvent Naphtha (Petroleum), Light Aromatic (CAS 64742-95-6)

Acute*Dermal*

LD50 > 1900 mg/kg, 24 Hours (Rabbit)

*Inhalation*LC50 > 5020 mg/m³, 4 Hours (Rat)LC50 > 4980 mg/m³ (Rat)LC50 > 4980 mg/m³, 4 Hours (Rat)

LC50 > 4.96 mg/l, 4 Hours (Rat)

Oral

LD50 4820 mg/kg (Rat)

Prolonged skin contact may cause temporary irritation

Causes serious eye irritation

May cause an allergic skin reaction.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

May be fatal if swallowed and enters airways.

Dipropylene Glycol Methyl Ether (CAS 34590-94-8)

Acute*Dermal*

LD50 9510 mg/kg, 24 Hours (Rabbit)

LD50 10 ml/kg, 24 Hours (Rabbit)

LD50 > 19020 mg/kg, Hours (Rat)

LD50 > 20 ml/kg, Hours (Rat)

Inhalation

LC50 > 553 ppm, 8 Hours (Rat)

LC50 > 275 ppm, 7 Hours (Rat)

Oral

LD50 7.5 ml/kg (Dog)

LD50 5.4 ml/kg (Rat)

sec-Butyl Alcohol (CAS 78-92-2)

Acute*Dermal*

LD50 > 2000 mg/kg, 24 Hours (Rat)

Oral

LD50 2054 mg/kg (Rat)

Diacetone Alcohol (CAS 123-42-2)

Acute*Dermal*

LD50 14.5 ml/kg, 24 Hours (Rabbit)

LD50 > 1875 mg/kg, 24 Hours (Rat)

LD50 13500 mg/kg (Rat)

Oral

LD50 3002 mg/kg (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.

Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)

Aquatic

Fish LC50 2.9 mg/l, 96 hours Rainbow trout,donaldson trout (Oncorhynchus mykiss)

Petroleum solvent (64742-95-6)

Expected to be readily biodegradable.

Solvent Naphtha (Petroleum), Light Aromatic (CAS 64742-95-6)

Aquatic

Crustacea EC50 6.14 mg/L, 48 Hours Daphnia

No data available of the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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 fatheah 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%

sec-Butyl Alcohol (CAS 78-92-2)

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Aquatic

Crustacea EC50 1859 - 7143 mg/l, 48 hours Water flea (Daphnia magna)
 Fish LC50 3380 - 3990 mg/l, 96 hours Fathead minnow (Pimephales promelas)

Diacetone Alcohol (CAS 123-42-2)

Aquatic

Fish LC50 420 mg/l, 96 hours Bluegill (Lepomis macrochirus)
 Fish LC50 420 mg/L, 96 Hours
 LC50 5000 mg/L 24hr; unspecified conditions (Goldfish)
 Water Flea: EC50 8750 mg/L 48hr Microtox test

13	DISPOSAL CONSIDERATIONS
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Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14	TRANSPORT INFORMATION
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DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

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This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	
Marine pollutant	Yes
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code	Not applicable.

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

 Distillates, petroleum, hydrotreated light (64742-47-8) [15-40%] TSCA

Distillates, petroleum, hydrotreated middle (64742-46-7) [15-40%] TSCA

Petroleum solvent (64742-95-6) [7-13%] TSCA

Dipropylene glycol methyl ether (34590-94-8) [5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

sec-Butyl alcohol (78-92-2) [1.5-10%] MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

Diacetone alcohol (123-42-2) [<5%] MASS, OSHAWAC, PA, TSCA, TXAIR

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Pine oil (8002-09-3) [<10%] TSCA

This product is not for sale in California

Regulatory CODE Descriptions

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

16	OTHER INFORMATION
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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