LOCTITE FREKOTE AC4368 AE known as FREKOTE AC4368 AE

SDS No. : 466325
V001.4
Revision: 18.05.2026
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Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE FREKOTE AC4368 AE known as FREKOTE AC4368 AE

Other means of identification: LOCTITE FREKOTE AC4368
Product code: IDH416029
Recommended use of the chemical and restrictions on use

Intended use: Mold Release
Manufacturer/Importer/Distributor Representative Company

Henkel Adhesive Tech. Vietnam Co., Ltd,
No. 7, Road 9A Bien Hoa II Industrial Zone,
Bien Hoa City,
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E-mail address of person responsible for Safety Data Sheet: ap-ua-psra.sea@henkel.com

Emergency Telephone for Chemical Accidents: FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call: +84 28 71006388

Section 2. Hazards identification

GHS Classification:

Hazard Class	Hazard Category	Target organ
Aerosol	Category 1	
Skin corrosion/irritation	Category 2	
Skin sensitizer	Category 1	
Toxic to reproduction	Category 2	
Specific target organ toxicity - single exposure	Category 3	Central nervous system
Specific target organ toxicity - repeated exposure	Category 1	Nervous system
Specific target organ toxicity - repeated exposure	Category 2	Central nervous system
Chronic hazards to the aquatic environment	Category 2	

GHS label elements:

Hazard pictogram:



Signal word:	Danger
Hazard statement:	H222 Extremely flammable aerosol. H229 Pressurized container: May burst if heated. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.

Precaution:

Prevention:	P201 Obtain special instructions before use. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
Response:	P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P308+P313 IF exposed or concerned: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.
Storage:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
n-Hexane 110-54-3	30- 60 %	Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Reproductive toxicant. 2 H361 Target Organ Systemic Toxicant - Single exposure 3 H336 Specific target organ toxicity - repeated exposure 1 H372 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411
Methylcyclopentane 96-37-7	10- 30 %	Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Target Organ Systemic Toxicant - Single exposure 3 H336 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411
propane 74-98-6	10- 30 %	Flammable gases 1 H220 Gases under pressure
α-oxopropenyl-oxypropyl-dimethoxysilyloxy-ω-oxopropenyl-oxypropyl-dimethoxysilyl poly(dimethylsiloxane 193159-06-7	1- 10 %	Skin Sensitization 1 H317
Stoddard solvent, <0.1% Benzene 8052-41-3	1- 10 %	Flammable liquids 3 H226 Skin corrosion/irritation 2 H315 Specific target organ toxicity - repeated exposure 1 H372 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 3 H412
n-Heptane 142-82-5	0.1- 1 %	Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Target Organ Systemic Toxicant - Single exposure 3 H336 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410

Section 4. First aid measures

Inhalation:
Move to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get immediate medical attention.

Skin contact:
Remove contaminated clothing and footwear.
Immediately flush skin with plenty of water (using soap, if available).
If symptoms develop and persist, get medical attention.
Wash clothing before reuse.

Eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention.

Ingestion:
Keep individual calm.
Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.
Never give anything by mouth to an unconscious person.
If vomiting occurs, prevent aspiration by keeping the patient's head below the knees.
Get immediate medical attention.

Section 5. Fire fighting measures

Suitable extinguishing media:
Water spray (fog), foam, dry chemical or carbon dioxide.
Do not use high volume water jet.

Specific hazards arising from the chemical:
Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Vapors may form explosive mixtures with air.
Do not handle or store near an open flame, heat or other sources of ignition.
Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a significantly high level, sparks can form that may ignite vapors of flammable liquids.

Special protection equipment and precautions for firefighters:
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Keep personnel upwind of fire.

Hazardous combustion products:
Oxides of carbon.
Irritating organic vapours.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Section 6. Accidental release measures

Personal precautions:
Avoid skin and eye contact.
Wear protective equipment.
Ensure adequate ventilation.
See advice in section 8

Environmental precautions:
Do not empty into drains / surface water / ground water.
Advise authorities if product has entered or may enter sewers, water sources or extensive land areas.
Prevent further leakage or spillage if safe to do so.
This product is insoluble in water and will float on surface.

Clean-up methods:
Remove all sources of ignition.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Store in a closed metal container until ready for disposal.
Keep upwind of the spilled material and isolate exposure.
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Handling:

During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.
Make sure containers are properly grounded before use or transfer of material.
Avoid contact with eyes, skin and clothing.
Do not breathe gas/fumes/vapor/spray.
Do not taste or swallow.
Wash thoroughly after handling.
For operations where eye or face contact could occur, provide safety shower and eyewash fountain.

Storage:

Store in tightly closed containers. In a cool/well-ventilated area.
Keep away from sources of ignition.

Section 8. Exposure controls / personal protection

Components with specific control parameters for workplace:

N-HEXANE 110-54-3	**Value type**	Time Weighted Average (TWA):
	ppm	50
	Remarks	ACGIH
N-HEXANE 110-54-3	**Value type**	Time Weighted Average (TWA):
	mg/m³	90
	Remarks	VN OEL
N-HEXANE 110-54-3	**Value type**	Skin designation:
	Remarks	ACGIH Danger of cutaneous absorption
HYDROCARBONS (1-10 C) 74-98-6	**Value type**	Short-term exposure limit (STEL):
	mg/m³	300
	Remarks	VN OEL
PROPANE 74-98-6	**Remarks**	ACGIH D: Simple asphyxiant, EX: Explosion hazard
Stoddard solvent 8052-41-3	**Value type**	Time Weighted Average (TWA):
	ppm	100
	Remarks	ACGIH
Stoddard solvent 8052-41-3	**Value type**	Time Weighted Average (TWA):
	mg/m³	525
	Remarks	VN OEL
HEPTANE (ALL ISOMERS) 142-82-5	**Value type**	Time Weighted Average (TWA):
	mg/m³	800
	Remarks	VN OEL
Heptane, straight and branched isomers 142-82-5	**Value type**	Time Weighted Average (TWA):
	ppm	200
	Remarks	ACGIH
Heptane, straight and branched isomers 142-82-5	**Value type**	Short Term Exposure Limit (STEL):
	ppm	400
	Remarks	ACGIH
HEPTANE (ALL ISOMERS) 142-82-5	**Value type**	Short-term exposure limit (STEL):
	mg/m³	1,250
	Remarks	VN OEL
HYDROCARBONS (1-10 C) 142-82-5	**Value type**	Short-term exposure limit (STEL):
	mg/m³	300
	Remarks	VN OEL

Respiratory protection: Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

Eye protection: Safety goggles or safety glasses with side shields.
Full face protection should be used if the potential for splashing or spraying of product exists.
Protective eye equipment should conform to EN166.

Body protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Engineering controls:	Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
General protection and hygiene measures:	The workplace should be equipped with an emergency shower and eye-rinsing facility.
Hygienic measures:	Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Take off contaminated clothing and wash before reuse.

Section 9. Physical and chemical properties

Appearance:	Colourless / Colorless Aerosol
Odor:	Mild, Solvent
Odor threshold (CA):	No data available.
pH:	Not available.
Melting point / freezing point:	No data available.
Specific gravity:	0.712
Boiling point:	No data available.
Flash point:	< 21 °C (< 69.8 °F)
Evaporation rate:	No data available.
Flammability (solid, gas):	Extremely flammable aerosol.
Lower explosive limit:	No data available.
Upper explosive limit:	No data available.
Vapor pressure:	> 2000 mm hg
Vapor density:	Heavier than air.
Density:	No data available.
Solubility:	Insoluble
Partition coefficient: n-octanol/water:	No data available.
Auto ignition:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
VOC content:	92 % 655 g/l

Section 10. Stability and reactivity

Reactivity/Incompatible materials:	Strong oxidizing agents. Water Humid air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Will not occur.
Conditions to avoid:	Store away from incompatible materials. Heat, flames, sparks and other sources of ignition.
Hazardous decomposition products:	Oxides of carbon. Irritating vapors.

Section 11. Toxicological information

Symptoms of Overexposure**:** None known.

Acute oral toxicity:

n-Hexane 110-54-3	Value type	LD50
	Value	16,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Methylcyclopentane 96-37-7	Value type	LD50
	Value	16,000 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
n-Heptane 142-82-5	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Acute inhalative toxicity:

n-Hexane 110-54-3	Value type	LC50
	Value	> 31.86 mg/l
	Exposure time	4 h
	Species	rat
	Method	not specified
propane 74-98-6	Value type	LC50
	Value	> 800000 ppm
	Exposure time	15 min
	Species	rat
	Method	not specified
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	LC50
	Value	> 5.5 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)
n-Heptane 142-82-5	Value type	LC50
	Value	> 29.29 mg/l
	Exposure time	4 h
	Species	rat
	Method	equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity)

Acute dermal toxicity:

n-Hexane 110-54-3	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rabbit
	Method	not specified
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	LD50
	Value	> 3,000 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
n-Heptane 142-82-5	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

n-Hexane 110-54-3	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	irritating
	Exposure time	24 h
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
n-Heptane 142-82-5	Result	irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

n-Hexane 110-54-3	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	not specified
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
n-Heptane 142-82-5	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

n-Hexane 110-54-3	Result	not sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	not sensitising
	Test type	Buehler test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)
n-Heptane 142-82-5	Result	not sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

n-Hexane 110-54-3	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
n-Hexane 110-54-3	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
n-Hexane 110-54-3	Result	negative
	Type of study / Route of administration	inhalation: vapour
	Metabolic activation / Exposure time	
	Species	mouse
	Method	not specified
n-Hexane 110-54-3	Result	negative
	Type of study / Route of administration	inhalation: vapour
	Metabolic activation / Exposure time	
	Species	rat
	Method	not specified
propane 74-98-6	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
propane 74-98-6	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
propane 74-98-6	Result	negative
	Type of study / Route of administration	
	Metabolic activation / Exposure time	
	Species	Drosophila melanogaster
	Method	not specified
propane 74-98-6	Result	negative
	Type of study / Route of administration	inhalation: gas
	Metabolic activation / Exposure time	
	Species	rat
	Method	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	negative
	Type of study / Route of administration	in vitro mammalian cell micronucleus test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	negative
	Type of study / Route of administration	intraperitoneal
	Metabolic activation / Exposure time	
	Species	rat
	Method	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
n-Heptane 142-82-5	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
n-Heptane 142-82-5	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	not applicable
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Repeated dose toxicity:

n-Hexane 110-54-3	Result	NOAEL=40 mg/kg
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	13 weeksdaily
	Species	rat
	Method	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
n-Hexane 110-54-3	Result	NOAEL=13.2 mg/kg
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	90-120 d5 d / week
	Species	rat
	Method	not specified
n-Hexane 110-54-3	Result	LOAEL=1.76 mg/l
	Route of application	inhalation: vapour
	Exposure time / Frequency of treatment	13 weeks6 h/d; 5 d/w
	Species	mouse
	Method	equivalent or similar to OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
n-Hexane 110-54-3	Result	LOAEL=> 0.352 - < 0.67 mg/l
	Route of application	inhalation: vapour
	Exposure time / Frequency of treatment	
	Species	human
	Method	not specified
propane 74-98-6	Result	
	Route of application	inhalation: gas
	Exposure time / Frequency of treatment	28 d6 h/d, 7 d/w
	Species	rat
	Method	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	NOAEL=1,056 mg/kg
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	28 daysdaily, 7 days/week, 28 days
	Species	rat
	Method	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
n-Heptane 142-82-5	Result	
	Route of application	inhalation: vapour
	Exposure time / Frequency of treatment	16 weeks12 hours/day, 7 days/week
	Species	rat
	Method	

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity: H411 Toxic to aquatic life with long lasting effects.

Toxicity:

n-Hexane 110-54-3	Value type	LC50
	Value	> 1 - 10 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	not specified
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
n-Hexane 110-54-3	Value type	EC50
	Value	2.1 mg/l

	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
n-Hexane 110-54-3	Value type	EC50
	Value	> 1 - 10 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	not specified
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
n-Hexane 110-54-3	Value type	EC50
	Value	> 1 - 10 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	3 h
	Species	not specified
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Methylcyclopentane 96-37-7	Value type	EC50
	Value	4.45 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	other:
	Method	QSAR (Quantitative Structure Activity Relationship)
Methylcyclopentane 96-37-7	Value type	EC50
	Value	5.048 mg/l
	Acute Toxicity Study	Algae
	Exposure time	96 h
	Species	other:
	Method	QSAR (Quantitative Structure Activity Relationship)
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	LC50
	Value	2.5 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
	Value type	NOEC
	Value	> 0.1 - 1.4 mg/l
	Acute Toxicity Study	Fish
	Exposure time	112 d
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 210 (fish early life stage toxicity test)
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	EL50
	Value	1.4 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Stoddard solvent, <0.1% Benzene 8052-41-3	Value type	EC50
	Value	1.2 mg/l
	Acute Toxicity Study	Algae
	Exposure time	96 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	NOEC
	Value	0.16 mg/l
	Acute Toxicity Study	Algae
	Exposure time	96 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
n-Heptane 142-82-5	Value type	LC50
	Value	> 220 - 270 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Leuciscus idus
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
n-Heptane 142-82-5	Value type	EC50
	Value	1.5 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h

	Species	Daphnia magna
	Method	other guideline:

Persistence and degradability:

n-Hexane 110-54-3	Result	readily biodegradable
	Route of application	aerobic
	Degradability	81 %
	Method	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Methylcyclopentane 96-37-7	Result	not readily biodegradable.
	Route of application	aerobic
	Degradability	0 %
	Method	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
propane 74-98-6	Result	readily biodegradable
	Route of application	aerobic
	Degradability	> 60 %
	Method	OECD 301 A - F
Stoddard solvent, <0.1% Benzene 8052-41-3	Result	readily biodegradable
	Route of application	aerobic
	Degradability	> 63 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
n-Heptane 142-82-5	Result	readily biodegradable
	Route of application	aerobic
	Degradability	70 %
	Method	other guideline:

Bioaccumulative potential / Mobility in soil:

n-Hexane 110-54-3	LogPow	4
	Temperature	20 °C
	Method	other guideline:
Methylcyclopentane 96-37-7	LogPow	3.37
	Temperature	20 °C
	Method	other guideline:
n-Heptane 142-82-5	Bioconcentration factor (BCF)	552
	Exposure time	
	Species	calculation
	Temperature	
	Method	QSAR (Quantitative Structure Activity Relationship)
n-Heptane 142-82-5	LogPow	4.66
	Temperature	
	Method	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Section 13. Disposal considerations

Product

Method of disposal: Dispose of in accordance with local and national regulations.

Packaging

Disposal of uncleaned packages: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road transport ADR:

Class:	2
Packing group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Railroad transport RID:

Class:	2
Packing group:	
Classification code:	5F
Hazard ident. number:	23
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Inland water transport ADN:

Class:	2
Packing group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Marine transport IMDG:

Class:	2.1
Packing group:	
UN no.:	1950
Label:	2.1
EmS:	F-D ,S-U
Seawater pollutant:	Marine pollutant
Proper shipping name:	AEROSOLS (Hexane)

Air transport IATA:

Class:	2.1
Packing group:	
Packaging instructions (passenger):	203
Packaging instructions (cargo):	203
UN no.:	1950
Label:	2.1
Proper shipping name:	Aerosols, flammable

Section 15. Regulatory information

Regulatory Information: This Safety Data Sheet has been generated based on

LAW ON CHEMICALS No. 69/2025/QH15, issued on June 14, 2025;

Decree No. 24/2026/NĐ-CP, issued on January 17, 2026, ON THE LISTS OF CHEMICALS GOVERNED BY THE LAW ON CHEMICALS;

Decree No. 25/2026/NĐ-CP, issued on January 17, 2026, DETAILED REGULATIONS AND MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF CERTAIN

ARTICLES OF THE LAW ON CHEMICALS CONCERNING THE DEVELOPMENT OF THE CHEMICAL INDUSTRY AND CHEMICAL SAFETY AND SECURITY;

Decree No. 26/2026/NĐ-CP, issued on January 17, 2026, DETAILED REGULATIONS AND GUIDELINES FOR IMPLEMENTING CERTAIN ARTICLES OF THE LAW ON CHEMICALS REGARDING THE MANAGEMENT OF CHEMICAL ACTIVITIES AND HAZARDOUS CHEMICALS IN PRODUCTS AND GOODS;

Circular No. 01/2026/TT-BCT, issued on January 17, 2026, DETAILED REGULATIONS AND GUIDELINES FOR IMPLEMENTING CERTAIN ARTICLES OF THE LAW ON CHEMICALS AND GOVERNMENT DECREE NO. 26/2026/ND-CP DETAILING AND GUIDING THE IMPLEMENTATION OF CERTAIN ARTICLES OF THE LAW ON CHEMICALS REGARDING THE MANAGEMENT OF CHEMICAL ACTIVITIES AND HAZARDOUS CHEMICALS IN PRODUCTS AND GOODS;

Circular No. 02/2026/TT-BCT, issued on January 17, 2026, REGULATIONS ON SOME IMPLEMENTATION MEASURES OF THE LAW ON CHEMICALS AND GOVERNMENT DECREE NO. 25/2026/ND-CP DETAILING AND PROVIDING MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF SOME ARTICLES OF THE LAW ON CHEMICALS CONCERNING THE DEVELOPMENT OF THE CHEMICAL INDUSTRY AND CHEMICAL SAFETY AND SECURITY;

Decree No. 161/2024/ND-CP, issued on December 18, 2024, ON LIST OF DANGEROUS GOODS, TRANSPORT OF DANGEROUS GOODS AND PROCEDURES FOR ISSUANCE OF LICENSES OR CERTIFICATES OF COMPLETION OF TRAINING PROGRAMS FOR DRIVERS OR ESCORTS TRANSPORTING DANGEROUS GOODS BY ROAD;

Decree No. 34/2024/NĐ-CP, issued on March 31, 2024, ON LIST OF DANGEROUS GOODS, TRANSPORT OF DANGEROUS GOODS BY INLAND WATERCRAFT;

Decree No. 33/2024/NĐ-CP, issued on March 27, 2024, IMPLEMENTING THE CONVENTION ON THE PROHIBITION OF THE DEVELOPMENT, PRODUCTION, STOCKPILING AND USE OF CHEMICAL WEAPONS AND ON THEIR;

Decree No. 37/2026/NĐ-CP, issued on January 23, 2026, ELABORATING CERTAIN ARTICLES AND MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF THE LAW ON PRODUCT AND GOODS QUALITY.

If other regulatory information applies that is not already provided or updated elsewhere in this Safety Data Sheet, then it is described in this subsection.

Global inventory status:

Regulatory list	Notification
TCSI	yes
TSCA	yes
DSL	yes
ENCS (JP)	yes
ISHL (JP)	yes

Section 16. Other information

Disclaimer:

This Safety Data Sheet has been generated based on Law On Chemicals No. 69/2025/QH15; Decree No. 24/2026/NĐ-CP; Decree No. 25/2026/NĐ-CP; Decree No. 26/2026/NĐ-CP; Circular No. 01/2026/TT-BCT; Circular No. 02/2026/TT-BCT; Decree No. 161/2024/ND-CP; Decree No. 34/2024/NĐ-CP; Decree No. 33/2024/NĐ-CP, and Decree No. 37/2026/NĐ-CP.

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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