

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 1 of 12

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Hexane**

Other means of identification : None assigned.

Recommended use of the chemical and restrictions on use

: Industrial solvent.  
Use pattern: Professional use only  
Recommended restrictions None known.

Chemical family

: Complex combination of hydrocarbons

Name, address, and telephone number  
of the supplier:

**Comet Chemical Company Ltd.**

3463 Thomas Street  
Innisfill, ON, Canada  
L9S 3W4

Supplier's Telephone # : (705)436-5580

**24 Hr. Emergency Tel #** : GFL Environmental - 1-888-772-2543

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear, colorless liquid. Hydrocarbon odour.

Most important hazards: Flammable. May be ignited by open flames and sparks. Causes skin irritation. Causes damage to organs. Aspiration hazard.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Flammable liquids - Category 2

Skin Irritation - Category 2

Serious eye damage/eye irritation - Category 2B

Reproductive toxicity - Category 2

Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

Specific target organ toxicity, single exposure - Category 3 (respiratory)

Specific Target organ toxicity, repeated exposure - Category 1

Aspiration Toxicity - Category 1

Label elements

Hazard pictogram(s)



Signal Word

DANGER!

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 2 of 12

**SAFETY DATA SHEET***Hazard statement(s)*

Highly flammable liquid and vapour.  
Causes skin irritation.  
Causes eye irritation.  
Suspected of damaging fertility.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Causes damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.

*Precautionary statement(s)*

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.  
Keep container tightly closed.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical and ventilating equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Do not breathe mist or vapor.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/clothing and eye/face protection.

IF exposed: Call a POISON CENTRE or doctor/physician.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
If skin irritation occurs: get medical advice/attention.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTRE or doctor/physician if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of fire: Use water fog, dry chemical, CO2 or 'alcohol' foam to extinguish.

Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Keep cool.

Dispose of contents/container in accordance with local regulation.

**Other hazards**

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes. May be sensitive to static discharge. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS #</b>	<b>Concentration (% by weight)</b>
<b>n-Hexane</b>	Hexane	110-54-3	<b>45.0 - 70.0</b>
<b>Methylcyclopentane</b>	Methylpentamethylene	96-37-7	<b>10.0 - 30.0</b>

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 3 of 12

## SAFETY DATA SHEET

<b>Cyclohexane</b>	Benzene hexahydride	110-82-7	<b>0.5 - 1.5</b>
<b>Heptane</b>	Dipropylmethane Heptyl hydride	142-82-5	<b>0.5 - 1.5</b>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Inhalation* : If inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTRE or doctor/physician if you feel unwell.
- Skin contact* : Immediately flush with plenty of water, while removing contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.
- Eye contact* : For eye contact, flush with running water for at least 15 minutes. If eye irritation persists: get medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

- : Causes skin irritation. Symptoms may include redness, itching and swelling. Causes eye irritation. Symptoms may include tearing, redness and discomfort. May cause respiratory irritation. May cause coughing and breathing difficulties. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. May cause headache, nausea, dizziness and other symptoms of central nervous system depression. May cause eye irritation. Symptoms may include stinging and tearing. Causes damage to organs through prolonged or repeated exposure. (Peripheral nervous system )

#### Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically. Aspiration hazard.. This product is a CNS depressant.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

##### *Suitable extinguishing media*

- : Carbon dioxide (CO2); Dry chemical; Alcohol resistant foam; Water fog

##### *Unsuitable extinguishing media*

- : Do not use a solid water stream as it may scatter and spread fire.

#### Special hazards arising from the substance or mixture / Conditions of flammability

- : Highly flammable liquid and vapour. Vapours may ignite explosively. Vapours are heavier than air and may spread along floors. Static discharge, impact, friction, and heat may ignite exposed chemical material.  
Empty containers may contain hazardous residues.

#### Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable liquids - Category 2

#### Hazardous combustion products

- : Carbon dioxide, carbon monoxide and other unidentified organic compounds.

#### Special protective equipment and precautions for firefighters

##### *Protective equipment for fire-fighters*

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 4 of 12

## SAFETY DATA SHEET

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

### *Special fire-fighting procedures*

- : Do not breathe fumes or vapours. Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

- Environmental precautions** : Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

### Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contact the proper local authorities. Refer to Section 13 for disposal of contaminated material.

### Special spill response procedures

- : In Canada: For 24-hour emergency assistance, call: 1-613-996-6666 (CANUTEC). EPA/CERCLA Reportable quantity (RQ): See section 15.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

- : Wear protective gloves and eye/face protection. Use only in well-ventilated areas. Do not breathe mist or vapor. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Keep away from flames and hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharges. Ground all equipment during handling.

- Conditions for safe storage** : Keep container tightly closed. Store in cool/well-ventilated place. Store locked up. Keep cool. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking. Empty containers may contain hazardous residues.

- Incompatible materials** : Acids, oxidizing agents, halogens and halogenated compounds. Metal salts.

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 5 of 12

## SAFETY DATA SHEET

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
n-Hexane	50 ppm (skin)	N/Av	500 ppm (1800 mg/m <sup>3</sup> )	N/Av
Methylcyclopentane	600 ppm (cyclopentane)	N/Av	N/Av	N/Av
Cyclohexane	100 ppm	N/Av	300 ppm (1050 mg/m <sup>3</sup> )	N/Av
Heptane	400 ppm	500 ppm	500 ppm (2000 mg/m <sup>3</sup> )	N/Av

#### Exposure controls

##### Ventilation and engineering measures

- : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

##### Respiratory protection

- : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

##### Skin protection

- : Wear protective gloves. Advice should be sought from glove suppliers.

##### Eye / face protection

- : Wear eye/face protection. Wear as appropriate: Tightly fitting safety goggles

##### Other protective equipment

- : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

##### General hygiene considerations

- : Do not breathe mist or vapor. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	: Liquid.
<b>Colour</b>	: Clear, colorless.
<b>Odour</b>	: Hydrocarbon odour.
<b>Odour threshold</b>	: 60 ppm
<b>pH</b>	: No information available.
<b>Melting Point/Freezing point</b>	: <-95°C
<b>Initial boiling point and boiling range</b>	: 66-70°C
<b>Flash point</b>	: -18°C
<b>Flashpoint (Method)</b>	: Cleveland closed cup
<b>Evaporation rate (BuAe = 1)</b>	: 8.1
<b>Flammability</b>	: Flammable.

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 6 of 12

## SAFETY DATA SHEET

**Lower explosion or flammability limit (% by vol.)**

: 1%

**Upper explosion or flammability limit (% by vol.)**

: 7.4%

**Oxidizing properties** : None.

**Explosive properties** : Not explosive

**Vapour pressure** : 140 mm Hg

**Relative vapour density** : (Air = 1) 3

**Relative density / Specific gravity**

: 0.68

**Solubility in water** : Slightly soluble.

**Other solubility(ies)** : Soluble in most organic solvents.

**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**

: Not available.

**Auto-ignition temperature** : 252 °C

**Decomposition temperature** : No information available.

**Viscosity** : 0.5 cSt

**Particle characteristics** : Not applicable.

**Volatiles (% by weight)** : No information available.

**Volatile organic Compounds (VOC's)**

: No information available.

**Absolute pressure of container**

: Not applicable.

**Flame projection length** : Not applicable.

**Other physical/chemical comments**

: None known or reported by the manufacturer.

### SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.

**Chemical stability** : Stable under normal conditions.

**Possibility of hazardous reactions**

: Hazardous polymerization does not occur.

**Conditions to avoid** : Open flames, sparks, high heat, direct sunlight, and close proximity to incompatible substances. Do not use in areas without adequate ventilation.

**Incompatible materials** : Acids, oxidizing agents, halogens and halogenated compounds. Metal salts

**Hazardous decomposition products**

: None known, refer to hazardous combustion products in Section 5.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

**Routes of exposure skin absorption**

: NO

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 7 of 12

## SAFETY DATA SHEET

### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### *Sign and symptoms Inhalation*

- : May cause respiratory tract irritation. Coughing, difficulty breathing, and tightness in chest. May cause headache, nausea, dizziness and other symptoms of central nervous system depression.

##### *Sign and symptoms ingestion*

- : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

##### *Sign and symptoms skin*

- : Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin.

##### *Sign and symptoms eyes*

- : Direct eye contact may cause slight or mild, transient irritation.

#### Potential Chronic Health Effects

- : Prolonged exposure can cause central nervous system effects.

#### Mutagenicity

- : Not expected to be mutagenic in humans.

#### Carcinogenicity

- : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

#### Reproductive effects & Teratogenicity

- : Reproductive toxicity - Category 2. Suspected of damaging fertility.

#### Sensitization to material

- : Not expected to be a skin or respiratory sensitizer.

#### Specific target organ effects

- : Specific target organ toxicity, single exposure - Category 3 (narcotic effects).
- : Specific target organ toxicity, single exposure - Category 3 (respiratory)
- : Specific Target organ toxicity, repeated exposure - Category 1

May cause drowsiness or dizziness. May cause respiratory irritation. Causes damage to the peripheral nervous system through prolonged or repeated exposure if inhaled.

#### Medical conditions aggravated by overexposure

- : Pre-existing skin, eye, respiratory and central nervous system disorders.

#### Synergistic materials

- : No information available.

#### Toxicological data

- : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
n-Hexane	38 500 ppm (135.7 mg/L) (vapour)	28 670 mg/kg	> 3350 mg/kg (No mortality)
Methylcyclopentane	38 500 ppm (135.7 mg/L) (vapour)	5000 - 15 000 mg/kg	> 3350 mg/kg (No mortality)
Cyclohexane	> 9500 ppm (32.7 mg/L) (vapour) (No mortality)	12 850 mg/kg	> 2000 mg/kg (No mortality)
Heptane	25 000 ppm (102.5 mg/L) (vapour)	> 15 000 mg/kg	> 2000 mg/kg (No mortality)

#### Other important toxicological hazards

- : None reported by the manufacturer.

## SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

- : Toxic to aquatic life with long lasting effects. Do not allow material to contaminate ground water system.  
See the following tables for the substance's ecotoxicity data.

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 8 of 12

## SAFETY DATA SHEET

### Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
n-Hexane	110-54-3	2.5 mg/L (Fathead minnow)	2.8 mg/L/28-day (Rainbow trout)	None.
Methylcyclopentane	96-37-7	N/Av	N/Av	None.
Cyclohexane	110-82-7	4.53 mg/L (Fathead minnow)	N/Av	None.
Heptane	142-82-5	5.738 mg/L (Rainbow trout)	1.284 mg/L/28-day (Rainbow trout)	None.

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
n-Hexane	110-54-3	3.9 mg/L (Daphnia magna)	4.9 mg/L (QSAR)	None.
Methylcyclopentane	96-37-7	N/Av	N/Av	None.
Cyclohexane	110-82-7	0.9 mg/L (Daphnia magna)	N/Av	1
Heptane	142-82-5	0.2 mg/L Chaetogammarus marinus (Water flea)	0.06 - 0.23 mg/L	1

<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
n-Hexane	110-54-3	0.89 mg/L/96hr (Green algae)	N/Av	1
Methylcyclopentane	96-37-7	N/Av	N/Av	None.
Cyclohexane	110-82-7	9.317 mg/L/72hr (Green algae)	0.94 mg/L/72hr	None.
Heptane	142-82-5	4.338 mg/L/72hr (Green algae)	0.97 mg/L/72hr	None.

### Persistence and degradability

: Readily biodegradable

### Bioaccumulation potential

: No information available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
n-Hexane (CAS 110-54-3)	4	501
Methylcyclopentane (CAS 96-37-7)	3.37	210 (estimated)
Cyclohexane (CAS 110-82-7)	3.44	167
Heptane (CAS 142-82-5)	4.66	552

### Mobility in soil

: The product itself has not been tested.



Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 9 of 12

## SAFETY DATA SHEET






**Other Adverse Environmental effects**

: None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.
- RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14. TRANSPORT INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1208	HEXANES	3	II	
<b>49CFR/DOT Additional information</b>	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
TDG	UN1208	HEXANES	3	II	
<b>TDG Additional information</b>	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
IMDG	UN1208	HEXANES	3	II	 
<b>IMDG Additional information</b>	Consult the IMDG regulations for exceptions.				
ICAO/IATA	UN1208	Hexanes	3	II	
<b>ICAO/IATA Additional information</b>	Refer to ICAO/IATA Packing Instruction				

**Special precautions for user** : Keep away from heat, sparks and open flame - No smoking.

**Environmental hazards** : This product meets the criteria for an environmentally hazardous material according to the IMDG Code. Toxic to aquatic life with long lasting effects. See ECOLOGICAL INFORMATION, Section 12.

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 10 of 12

## SAFETY DATA SHEET

### SECTION 15 - REGULATORY INFORMATION

#### US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	<u>CAS #</u>	<u>TSCA Inventory</u>	<u>CERCLA Reportable Quantity(RQ) (40 CFR 117.302):</u>	<u>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:</u>	<u>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical</u>	<u>de Minimis Concentration</u>
n-Hexane	110-54-3	Yes	5000 lb/ 2270 kg	None.	Yes	1%
Methylcyclopentane	96-37-7	Yes	None.	None.	No	N/Ap
Cyclohexane	110-82-7	Yes	1000 lb/ 454 kg	None.	Yes	1%
Heptane	142-82-5	Yes	None.	None.	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable;Skin irritation; Eye irritation; Reproductive toxicity ; Specific target organ toxicity, single exposure; Specific target organ toxicity, repeated exposure;Aspiration toxicity

#### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	<u>CAS #</u>	<u>California Proposition 65</u>		<u>State "Right to Know" Lists</u>					
		<u>Listed</u>	<u>Type of Toxicity</u>	<u>CA</u>	<u>MA</u>	<u>MN</u>	<u>NJ</u>	<u>PA</u>	<u>RI</u>
n-Hexane	110-54-3	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes
Methylcyclopentane	96-37-7	No	N/Ap	No	Yes	No	Yes	Yes	Yes
Cyclohexane	110-82-7	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Heptane	142-82-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

#### Canadian Information:

Canadian Environmental Protection Act (CEPA): All ingredients are present on the DSL.

#### International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	<u>CAS #</u>	<u>European EINECs</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea KECI/KECL</u>	<u>China IECSC</u>	<u>NewZealand IOC</u>
n-Hexane	110-54-3	203-777-6	Present	Present	(2)-6	KE-18626	Present	HSR001166
Methylcyclopentane	96-37-7	202-503-2	Present	Present	(9)-2602	KE-23724	Present	HSR006772
Cyclohexane	110-82-7	203-806-2	Present	Present	(3)-2233	KE-18562	Present	HSR001111
Heptane	142-82-5	205-563-8	Present	Present	(2)-7	KE-18271	Present	HSR001164

### SECTION 16. OTHER INFORMATION

#### **Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 11 of 12

## SAFETY DATA SHEET

AICS: Australian Inventory of Chemical Substances  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
CSA: Canadian Standards Association  
DOT: Department of Transportation  
ECHA: European Chemicals Agency  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IECSC: Inventory of Existing Chemical Substances  
IMDG: International Maritime Dangerous Goods  
IOC: Inventory of Chemicals  
IUCLID: International Uniform Chemical Information Database  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
N/Av: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NOEC: No observable effect concentration  
NTP: National Toxicology Program  
OECD: Organisation for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average

**References** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices  
2. ECHA - European Chemical Agency  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases  
4. Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists  
6. California Proposition 65 List  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

**Preparation Date (mm/dd/yyyy)**

: 07/22/2015

**Reviewed Date SDS (dd/mm/yyyy)**

: 23/08/2023

**Revision No.**

: 2

**Revision Information**

: (M)SDS sections updated: All sections modified.

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.



Comet Chemical Company Ltd.  
3463 Thomas Street  
Innisfill, ON, Canada, L9S 3W4  
Telephone: (705) 436 5580

Hexane

SDS Revision Date (mm/dd/yyyy): 08/23/2023

Page 12 of 12

## SAFETY DATA SHEET

<b><u>Prepared for:</u></b> Comet Chemical Company Ltd. 3463 Thomas Street Innisfill, ON L9S 3W4 Information (M-F 8:00-5:00): 705-436-5580 <a href="http://www.cometchemical.com">www.cometchemical.com</a>	The logo for Comet Chemical Company Ltd. features a red circle with a white horizontal band across the middle. To the right of the circle, the word "COMET" is written in large, bold, black capital letters. Below "COMET", the words "COMET CHEMICAL COMPANY LTD." are written in smaller, bold, black capital letters.
<b><u>Prepared by:</u></b> ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) <a href="http://www.thecompliancescenter.com">http://www.thecompliancescenter.com</a>	The logo for ICC The Compliance Center Inc. features a blue circle with the letters "icc" in white. To the right of the circle, the words "ComplianceCenter" are written in a blue, sans-serif font.

### DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by / obtained from Comet Chemical Company Ltd. and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Comet Chemical Company Ltd. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Comet Chemical Company Ltd.

END OF DOCUMENT