CUTEK Extreme

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015) & OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012)
Issue date: 3/30/2025 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : CUTEK Extreme

1.2. Recommended use and restrictions on use

Restrictions on use : Decorative Wood Coating

1.3. Supplier

Distributor
CUTEK Canada
22 Winstar Rd
Oro-Medonte, ON, L0L 2L0
Canada
T 1-844-44-CUTEK (1-844-442-8835)
inquiries@cutekws.com

1.4. Emergency telephone number

Emergency number : 1-867-670-2867

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA/US)

Flammable liquids, Category 4 — Combustible liquid
Skin sensitization, Category 1 — May cause an allergic skin reaction
Aspiration hazard, Category 1 — May be fatal if swallowed and enters airways

2.2. GHS Label elements, including precautionary statements

GHS CA/US labeling

Hazard pictograms (GHS CA/US) :

Signal word (GHS CA/US) : Danger

Hazard statements (GHS CA/US) : Combustible liquid
May be fatal if swallowed and enters airways
May cause an allergic skin reaction

Precautionary statements (GHS CA/US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing vapors, mist.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
IF SWALLOWED: Immediately call a POISON CENTER or a doctor.
Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice or attention.

Specific treatment (see supplemental first aid instruction on this label).
In case of fire: Use appropriate media to extinguish.
Store in a well-ventilated place.
Store locked up.
Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA/US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Common Name (Synonyms)	Product identifier	%
Distillates, petroleum, hydrotreated light paraffinic	Distillates (petroleum), hydrotreated light paraffinic / Distillates, petroleum, hydrotreated light paraffinic (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15-30 and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.) / Lube base oil	CAS-No.: 64742-55-8	45 - 70

Name	Common Name (Synonyms)	Product identifier	%
Naphtha, petroleum, hydrotreated heavy	Isopar 350 / White spirit type 3 / Aliphatic oil / Synthetic isoparaffin, C6-13 / C10-12 ALKANE/CYCLOALKANE / Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha / Ligroine (petroleum), hydrotreated heavy / Hydrocarbons, C9-11, n-alkanes, isoalkanes, cyclics, < 2% aromatics / Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).] / c9-11 alkane/cycloalkane / Naphtha (petroleum), hydrotreated heavy predominantly C6-13 / Naphtha (petroleum), hydrotreated heavy - low boiling point hydrogen treated naphtha / Naphtha, petroleum, hydrotreated heavy (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6-13 and boiling in the range of approximately 65-230°C.) / Naphtha (petroleum), hydrotreated heavy - low boiling point thermally cracked naphtha	CAS-No.: 64742-48-9	7 - 13
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	Alkyl (C12-14) glycidyl ether / Oxirane, 2-[(C12-14-alkyloxy)methyl] derivatives / Alkyl(C12-14) glycidyl ether / Oxirane, 2-((C12-14-alkyloxy)methyl) derivatives / Mono[(C12-14-alkyloxy)methyl]-oxirane derivatives / C12-14-Alkyl glycidyl ether / Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. / 2-[(C12-14-alkyloxy)methyl]oxirane	CAS-No.: 68609-97-2	0.5 - 1.5

Name	Common Name (Synonyms)	Product identifier	%
Paraffin waxes and Hydrocarbon waxes	Paraffin wax / Paraffin wax fume / Wax, paraffin / Wax, synthetic paraffin / Paraffin / Paraffin waxes / Paraffin waxes and hydrocarbon waxes / PARAFFIN / Synthetic wax / Solid saturated hydrocarbon / Hydrocarbon waxes / Wax / SYNTHETIC WAX / n-Paraffins / Petroleum wax / paraffin	CAS-No.: 8002-74-2	0.5 - 1.5
3-Iodo-2-propynyl butylcarbamate	Carbamic acid, butyl-, 3-iodo-2-propynyl ester / 3-Iodo-2-propynyl n-butylcarbamate / 3-Iodo-2-propynyl butylcarbamate / Iodocarb / IPBC / Carbamic acid, N-butyl-, 3-iodo-2-propyn-1-yl ester / Iodopropynyl butylcarbamate / IODOPROPYNYL BUTYLCARBAMATE / 3-Iodoprop-2-yn-1-yl butylcarbamate / iodopropynyl butylcarbamate / 3-Iodo-2-propynyl N-butylcarbamate	CAS-No.: 55406-53-6	0.1 – 1

Comments : CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022.
US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical help.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

First-aid measures after ingestion : IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs have person lean forward. Never give anything by mouth to an unconscious person.

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Medical personnel should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the reach of children.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.

Symptoms/effects after skin contact : Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Direct contact with eyes may cause temporary irritation.

Symptoms/effects after ingestion : Aspiration of the product into the lungs may cause very serious pneumonia. May cause stomach distress, nausea or vomiting.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Symptoms may be delayed. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Treat for surrounding material.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Combustible liquid. During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : May include and are not limited to: oxides of carbon.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : In case of fire: Stop leak if safe to do so. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : In the event of a significant spillage : Notify authorities if product enters sewers or public waters. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Notify authorities if product enters sewers or public waters. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean contaminated surfaces with an excess of water.

Other information : This material and its container must be disposed of in a safe way, and as per local legislation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors, mist. Do not taste or swallow. Ensure good ventilation of the work station. Handle and open container with care.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Store locked up.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWAEV)	2 mg/m³ (fume)
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Notations and remarks	TLV® Basis: URT irr; nausea
Regulatory reference	ACGIH 2024
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Notations and remarks	URT irr; nausea
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Notations and remarks	TLV® Basis: URT irr; nausea
Regulatory reference	ACGIH 2024
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Notations and remarks	TLV® Basis: URT irr; nausea
Regulatory reference	ACGIH 2024
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA	2 mg/m³
OEL STEL	4 mg/m³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA	2 mg/m³
OEL STEL	4 mg/m³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
OEL TWAEV	2 mg/m³ (fume)
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
Notations and remarks	TLV® Basis: URT irr; nausea
Regulatory reference	ACGIH 2024
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA	2 mg/m³
OEL STEL	4 mg/m³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (fume)
OEL STEL	6 mg/m³ (fume)
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	2 mg/m³ (fume)
Remark (ACGIH)	TLV® Basis: URT irr; nausea
Regulatory reference	ACGIH 2024
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	2 mg/m³ (fume)

8.2. Appropriate engineering controls

Appropriate engineering controls : 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.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration

Eye protection:
Wear eye protection

Skin and body protection:
Wear suitable protective clothing. As required by employer code.

Respiratory protection:
Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	No data available
Color	:	No data available
Odor	:	No data available
Odor threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	88 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	0.86
Solubility	:	Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	29 mm²/s
Viscosity, dynamic	:	17.82 cP
Explosive properties	:	Not explosive.
Oxidizing properties	:	Not oxidising.
Explosion limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	:	Strong oxidizing agents.
Hazardous decomposition products	:	May include and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified.

Distillates, petroleum, hydrotreated light paraffinic (64742-55-8)	
LC50 Inhalation - Rat	3900 mg/m³ (Exposure time: 4 h Source: NLM_CIP)
ATE CA (vapors)	3.9 mg/l/4h
ATE CA (dust,mist)	3.9 mg/l/4h

Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LD50 oral rat	> 6000 mg/kg (Source: EPA_HPV)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	> 8500 mg/m³ (Exposure time: 4 h Source: EPA_HPV)

Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-97-2)	
LD50 oral rat	17100 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 4000 mg/kg (Source: ECHA)
ATE CA (oral)	17100 mg/kg body weight

3-Iodo-2-propynyl butylcarbamate (55406-53-6)	
LD50 oral rat	1470 mg/kg (Source: EPA_HPV)
LD50 dermal rat	> 2000 mg/kg (Source: EU_CLH)
LC50 Inhalation - Rat	0.23 mg/l/4h
ATE CA (oral)	1470 mg/kg body weight
ATE CA (Gases)	700 ppmV/4h
ATE CA (vapors)	0.23 mg/l/4h
ATE CA (dust,mist)	0.23 mg/l/4h

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
LD50 oral rat	> 5000 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 3600 mg/kg (Source: NLM_CIP)

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified
Reproductive toxicity : Not classified

Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-97-2)	
NOAEL (animal/female, F0/P)	200 mg/kg body weight Animal: rat, Animal sex: female, Guideline: EPA OTS 798.4420 (Preliminary Developmental Toxicity Screen)
NOAEL (animal/female, F1)	200 mg/kg body weight Animal: rat, Animal sex: female, Guideline: EPA OTS 798.4420 (Preliminary Developmental Toxicity Screen)

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

3-Iodo-2-propynyl butylcarbamate (55406-53-6)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : May be fatal if swallowed and enters airways.

Likely routes of exposure : Skin and eye contact. Ingestion. Inhalation.

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.

Symptoms/effects after skin contact : Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Direct contact with eyes may cause temporary irritation.

Symptoms/effects after ingestion : Aspiration of the product into the lungs may cause very serious pneumonia. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : See below for route-specific details.

Hazardous to the aquatic environment, short–term (acute) : Not classified.

Hazardous to the aquatic environment, long–term (chronic) : Not classified.

Distillates, petroleum, hydrotreated light paraffinic (64742-55-8)	
LC50 - Fish [1]	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LC50 - Fish [1]	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID)

3-Iodo-2-propynyl butylcarbamate (55406-53-6)	
LC50 - Fish [1]	0.14 – 0.32 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through] Source: EPA)
LC50 - Fish [2]	0.049 – 0.079 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-97-2)	
Partition coefficient n-octanol/water (Log Pow)	3.77 (at 20 °C)

3-Iodo-2-propynyl butylcarbamate (55406-53-6)	
Partition coefficient n-octanol/water (Log Pow)	2.88 (at 21 °C)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of the material collected according to regulations.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling, disposal or collection. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with TDG / DOT

General information: Based on a similar product with a comparable formula, it does not sustain combustion in accordance with UN TDG Test L.2 for Sustained Combustibility

TDG	DOT
14.1. UN number	
Not regulated	Not applicable
14.2. Proper Shipping Name	
Not regulated	Not applicable
14.3. Transport hazard class(es)	
Not regulated	Not applicable
14.4. Packing group	
Not regulated	Not applicable
14.5. Environmental hazards	
Not regulated	Not applicable
No supplementary information available	

14.6. Special precautions for user

TDG
Not regulated

DOT
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

All components of this product are present on DSL

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Issue date : 03/30/2025

Other information : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document.

The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.