

DEKAPREN 1513/4

Revision date: 09.04.2025

Product code: 1078

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1. Identification

Product identifier

DEKAPREN 1513/4

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Sizing agent

Uses advised against

No further relevant information available.

Details of the supplier of the safety data sheet

Manufacturer

Company name: DINOL GmbH
Street: Pyrmonter Strasse 76
Place: D-32676 Luegde
Telephone: + 49 (0) 5281 982980
E-mail: msds@dinol.com
Contact person: Labor
Responsible Department: msds@dinol.com

Telefax: + 49 (0) 5281 9829860

Supplier

Company name: DINOL U.S. Inc.
Street: 8500 Cotter Street, Lewis Center
Place: USA-43035 Ohio
Telephone: 740-548-1656
E-mail: info@dinolus.com
Internet: www.dinol.com

Telefax: 740-548-1657

Emergency telephone number: 3E Company Emergency +1-866-404-4230

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

Flammable liquids: Flam. Liq. 2
Carcinogenicity: Carc. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3 (narcotic effects)

Label elements

WHMIS 2015

Signal word: Danger

Pictograms:



Hazard statements

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of causing cancer.

Precautionary statements

Obtain special instructions before use.

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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 and bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash water thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
IF exposed or concerned: Get medical advice/attention.
In case of fire: Use water to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.

Special labelling of certain mixtures

Restricted to professional users.

Other hazards

No information available.

3. Composition/information on ingredients

Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity
67-64-1	acetone; propan-2-one; propanone	15 - < 40 % (*)
141-78-6	ethyl acetate	10 - < 30 % (*)
79-20-9	methyl acetate	5 - < 10 % (*)
108-10-1	4-methylpentan-2-one, isobutyl methyl ketone	1 - < 5 % (*)
123-86-4	n-butyl acetate	0.5 - < 1.5 % (*)

(*) The actual concentration is withheld as a trade secret.

Further Information

Full text of H- and EUH-statements: see section 16.

4. First-aid measures

Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

Change contaminated clothing.

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After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
Do NOT induce vomiting.
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.

Most important symptoms and effects, whether acute or delayed

No further relevant information available.

Indication of immediate medical attention and special treatment needed

No information available.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder,

Unsuitable extinguishing media

High power water jet. water

Specific hazards arising from the hazardous product

No further relevant information available.

Special protective equipment and precautions for fire-fighters

Use appropriate respiratory protection.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation.
Wear personal protection equipment.
Avoid contact with skin, eyes and clothes.
Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

For further specification, refer to section 8 of the SDS.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up

For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Provide adequate ventilation.
Clear contaminated areas thoroughly.
Do not rinse down with water.

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Other information

No information available.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Advice on general occupational hygiene

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a cool dry place.

Hints on joint storage

Not required.

Further information on storage conditions

Keep container tightly closed.

Keep in a cool, well-ventilated place.

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	Category	Origin
67-64-1	Acetone	250	594	TWA (8 h)	ACGIH-2024
		500	1187	STEL (15 min)	ACGIH-2024
141-78-6	Ethyl acetate	400	1440	TWA (8 h)	ACGIH-2024
79-20-9	Methyl acetate	200	606	TWA (8 h)	ACGIH-2024
		250	757	STEL (15 min)	ACGIH-2024
108-10-1	Methyl isobutyl ketone	20	82	TWA (8 h)	ACGIH-2024
		75	307	STEL (15 min)	ACGIH-2024
123-86-4	n-Butyl acetate	50	238	TWA (8 h)	ACGIH-2024
		150	712	STEL (15 min)	ACGIH-2024

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Biological limit values

CAS No	Chemical name	Parameter	Value	Test material	Sampling time
67-64-1	ACETONE (ACGIH 2024)	Acetone	25 mg/L	urine	End of shift
108-10-1	METHYL ISOBUTYL KETONE (ACGIH 2024)	Methyl isobutyl ketone	1 mg/L	urine	End of shift

Exposure controls



Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye glasses with side protection (DIN EN 166)

Hand protection

Recommended glove articles :

FKM (fluoro rubber), Breakthrough time:: 480 min.

NBR (Nitrile rubber), Breakthrough time:: 480 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

Skin protection

Wear anti-static footwear and clothing

Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

gas filtering equipment (EN 141)., Filter material/medium: AX

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow transparent
Odour:	characteristic
Odour threshold:	not determined

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	56 °C
Flammability:	Highly flammable
Lower explosive limits:	2,1 vol. %
Upper explosive limits:	13 vol. %
Flash point:	-17 °C
Auto-ignition temperature:	373 °C
Decomposition temperature:	not determined

Test method

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pH-Value:	The study does not need to be conducted because the substance is known to be insoluble in water.
Viscosity / kinematic: (at 40 °C)	> 20,5 mm ² /s
Water solubility:	Immiscible
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	240 hPa
Vapour pressure: (at 50 °C)	828 hPa
Density (at 20 °C):	0,91 g/cm ³ DIN 51757
Relative vapour density:	not determined
Particle characteristics:	not applicable

Other information

Information with regard to physical hazard classes

Explosive properties not determined	
Sustained combustibility:	No data available
Self-ignition temperature Solid:	not self-igniting
Gas:	not self-igniting
Oxidizing properties not determined	

Other safety characteristics

Solvent content:	68,7 %
Solid content:	31,3%
Softening point:	not determined
Viscosity / dynamic: (at 20 °C)	4767 mPa·s

Further Information

No information available.

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

No further relevant information available.

Incompatible materials

No information available.

Hazardous decomposition products

Carbon monoxide

Further information

No further relevant information available.

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11. Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix tested

	Dose	Species	Source
LC50, inhalation (vapour) (4 h)	246 - 491 mg/l		

ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg; ATE (inhalation dust/mist) > 12,5 mg/l

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50 5800 mg/kg	Rat	RTECS	
	dermal	LD50 7426-15800 mg/kg	Rabbit	IUCLID	
	inhalation (4 h) vapour	LC50 76 mg/l	Rat		
141-78-6	ethyl acetate				
	oral	LD50 5620 mg/kg	Rat		
	dermal	LD50 >20000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 50 mg/l	Rat		
79-20-9	methyl acetate				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >49 mg/l	Rat		
108-10-1	4-methylpentan-2-one, isobutyl methyl ketone				
	oral	LD50 2080 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 11 mg/l	Rat		
123-86-4	n-butyl acetate				
	oral	LD50 10760 mg/kg	Rat		
	dermal	LD50 > 14112 mg/kg	Rabbit		
	inhalation vapour	LC50 > 21 mg/l	Rat		
	inhalation (4 h) dust/mist	LC50 >21 mg/l	Rat		

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

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Suspected of causing cancer. (4-methylpentan-2-one, isobutyl methyl ketone)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (acetone; propan-2-one; propanone)

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

No information available.

Specific effects in experiment on an animal

No information available.

Additional information on tests

No information available.

Practical experience

No information available.

Information on other hazards

Endocrine disrupting properties

Endocrine disrupting potential No information available.

Further information

There are no data available on the preparation/mixture itself.

12. Ecological information

Persistence and degradability

There are no data available on the mixture itself.

Bioaccumulative potential

There are no data available on the mixture itself.

Mobility in soil

There are no data available on the mixture itself.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

There are no data available on the mixture itself.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Do not mix with other wastes.

Contaminated packaging

Dispose according to legislation.

14. Transport information

Canadian TDG

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UN number: UN 1133
Proper shipping name: Adhesives
Hazard classes: 3
Packing group: II
Hazard label: 3



Limited quantity: 5L

Marine transport (IMDG)

UN number or ID number: UN 1133
United Nations proper shipping name: ADHESIVES
name:
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Marine pollutant: no
 Special Provisions: -
 Limited quantity: 5 L
 Excepted quantity: E2
 EmS: F-E, S-D

Other applicable information (marine transport)

Protect against:

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: UN 1133
United Nations proper shipping name: ADHESIVES
name:
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Special Provisions: A3
 Limited quantity Passenger: 1 L
 Passenger LQ: Y341
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 353
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 364
 IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

Protect against:

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

15. Regulatory information

Safety Data Sheet

according to WHMIS

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Canadian regulations**DSL/NDSL inventory status**

Substance/product listed in the following inventories: DSL/NDSL

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

16. Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2, 11, 16.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)