

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : 7228
Product code : D-7228
Product group : Mixtures

1.2. Recommended use and restrictions on use

Recommended use : Adhesives, sealants

1.3. Supplier

Manufacturer

Jet-Lube / Deacon
1 W Point Dr.
Washington, Pennsylvania, 15031
USA
T 1.724.225.8008
Regulatory@whitmores.com - www.jetlube.com

Distributor

Jet-Lube of Canada LTD
Units 8 & 9, 1260 - 34 Avenue
Nisku, AB, T9E 1K7
Canada
T 1.780.463.7441
Regulatory@whitmores.com - www.jetlube.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week
Within USA and Canada: 1.800.424.9300
Outside USA and Canada: +1.703.527.3887
(collect calls accepted)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.
Full text of H-statements: see section 16		

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Warning

Hazard statements (GHS CA)

: H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

Precautionary statements (GHS CA)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
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resins, rosin	AAL / acintol liquaros / acintol R type 3A / acintol R type LO-3A / acintol R type S / acintol R type SB / acintol R type SFS / AL 104 / AL 104 (rosin) / AL 1200 / AL 1300 / AL 1302 / AR 06 / AR 06 (rosin) / arizona DR-24 / bals 3A / bandis G100 / bandis T 100H / C 101 (rosin) / CC 167 / CG-WW / CG-X / chinese rosin WW / colopearl E 5H / colophany / colophonia / colophonium / colophony / composize 1718 / composize M 1718 / D 101 / D 101 (rosin) / DC 35Y01 / deep rosin A 100 / deipurojin A 100 / dermulsene RA 405 / disproportionated rosin / dry pexol 200 / dry pexol 243 / dynakoll / dynakoll SI 100 / EM 3 / EM 3 (rosin) / ester gum EK 1002 / foralyn 5020 / FR 1900 / G 100 F / G 7 / gum rosin / gum rosin CG-WW / gum rosin M / gum rosin N / gum rosin WW / gum rosin X / haritac AC 90A / haritac AQ 110 / haritac F 90 / harlester 508H / harlester DS-70 / harlester G 7 / harlester SK 90D55 / harosin X / harsize L 850 / hercules 1098 / hercules 1331 / hercules 752 size / hercules X dry size / highrosin / hi-pHase G / hi- pHorm 67 / hongkong rosin WW / inktac 103 / inktac 128 / inktac TX / KE 709 / KR	CAS-No.: 8050-09-7	18.25	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Sens. 1, H317
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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
	610 / melhi resin / naval stores, rosin / neuphos 100 / neusize 770 / novaflor / novasize, dark fortified / optika / pale 60, pale fluid / pexite WG / pexol 245 / pexol 270 / pexol 277 / pexol 50, dark fluid / pexol 50, pale fluid / pexol size / pine resin / pine, rosin / poly- pale II resin / recoldis A / resin NC-11 / resins, pine / resins, rosin / rondis R / rosin / rosin core solder pyrolysis products / rosin gum / rosin WW / rosin, disproportionated / RR-CHX / RX 0170 / SE 50 / shiragiku rosin / SN-EX 7337 / SN- tack 750 / staybelite / sylvatac 96 / uni- rez 1039 / uni-rez 1042 / uni-rez 3300 / uni-tac 70 / westvaco resin 90 / westvaco resin 95 / westvaco rosin T / westvaco rosin TD / wood rosin / WW rosin / yellow rosin			

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Isopropyl alcohol 99.9%	1-methylethanol / 1-methylethyl alcohol / 2-hydroxypropane / 2-propanol / 2-propanol, anhydrous / 2-propyl alcohol / AI3-01636 / alcojel / alcosolve / AVANTIN / AVANTINE / caswell No 507 / chromar (=2-propanol) / combi-schutz / CORONA WIRE CLEANER (=2-propanol) / CTL R-53 reducer / dimethyl carbinol / DISK DRIVE HEAD CLEANING KIT (=2-propanol) / ethyl carbinol / hartosol / hydroxypropane / imsol A / IPA SGL / IPA T1 / IPA USP / IPA, anhydrous / IPA-EG / isoethylcarbinol / isohol / isopropanol, anhydrous / isopropyl alcohol / isopropyl alcohol, anhydrous / KENCO #880-T FLUX THINNER (=2-propanol) / LENS CLENS #3 (=2-propanol) / lutosol / normal-propan-2-ol / n-propan-2-ol / perspirit / persprit / petrohol / PRO / productcode S1155 / propan-2-ol / propyl alcohol (=sec-propyl alcohol) / pseudo-propyl alcohol / secondary-propyl alcohol / sec-propanol / sec-propyl alcohol / spectrar / STCC 4904205 / sterisol hand disinfectant / takineocol / TEXPADS / visco 1152 / XEROX FILM REMOVER	CAS-No.: 67-63-0	18.25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
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Full text of hazard classes and H-statements : see section 16

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.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

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

No additional information available

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.

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	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
 Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Materials for protective clothing:

Wear protective clothing

Hand protection:

Neoprene or nitrile rubber gloves

Type	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	6 (> 480 minutes)	> 0.6 mm	

Eye protection:

Wear eye protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No respiratory protection needed under normal use conditions

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
 Appearance : Paste.
 Colour : brown
 Odour : alcohol-like
 Odour threshold : No data available
 pH : 5.6
 Relative evaporation rate (butylacetate=1) : No data available
 Relative evaporation rate (ether=1) : No data available
 Melting point : No data available
 Freezing point : No data available
 Boiling point : No data available
 Flash point : No data available
 Auto-ignition temperature : No data available
 Decomposition temperature : No data available
 Flammability (solid, gas) : No data available
 Vapour pressure : No data available

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Relative vapour density at 20°C	: No data available
Relative density	: No data available
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: > 25 mm²/s
Explosive limits	: No data available

9.2. Other information

VOC content	: 13.1 %
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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	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

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

resins, rosin (8050-09-7)	
LD50 oral rat	2800 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	2500 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	2.3 mg/l/4h
ATE CA (oral)	2800 mg/kg bodyweight
ATE CA (Dermal)	2500 mg/kg bodyweight
ATE CA (dust,mist)	2.3 mg/l/4h

Isopropyl alcohol 99.9% (67-63-0)	
LD50 oral rat	5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	4384 mg/kg
LD50 dermal rabbit	16400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CA (oral)	4384 mg/kg bodyweight
ATE CA (Dermal)	16400 mg/kg bodyweight
Skin corrosion/irritation	: Not classified pH: 5.6

Isopropyl alcohol 99.9% (67-63-0)	
pH	Not applicable
Serious eye damage/irritation	: Causes serious eye irritation. pH: 5.6

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Isopropyl alcohol 99.9% (67-63-0)	
pH	Not applicable
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Isopropyl alcohol 99.9% (67-63-0)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Isopropyl alcohol 99.9% (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
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Viscosity, kinematic	> 25 mm ² /s
Isopropyl alcohol 99.9% (67-63-0)	
Viscosity, kinematic	2.532 mm ² /s (25 °C)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

resins, rosin (8050-09-7)	
LC50 - Fish [1]	5.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	4.5 mg/l
ErC50 algae	> 1000 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
Isopropyl alcohol 99.9% (67-63-0)	
LC50 - Fish [1]	10000 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas

12.2. Persistence and degradability

resins, rosin (8050-09-7)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.6 g O ₂ /g substance
Isopropyl alcohol 99.9% (67-63-0)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Biodegradable in the soil under anaerobic conditions.
Biochemical oxygen demand (BOD)	1.19 g O ₂ /g substance
Chemical oxygen demand (COD)	2.23 g O ₂ /g substance

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Isopropyl alcohol 99.9% (67-63-0)	
ThOD	2.4 g O ₂ /g substance

12.3. Bioaccumulative potential

resins, rosin (8050-09-7)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Other aquatic organisms [1]	56.2 (BCFBAF v3.00, QSAR)
Partition coefficient n-octanol/water (Log Pow)	1.9 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)

Isopropyl alcohol 99.9% (67-63-0)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25 °C)

12.4. Mobility in soil

resins, rosin (8050-09-7)	
Surface tension	0.078 N/m (20 °C, EU Method A.5: Surface tension)
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.8759 (log Koc, SRC PCKOCWIN v2.0, QSAR)

Isopropyl alcohol 99.9% (67-63-0)	
Surface tension	0.021 N/m (25 °C)
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.185 – 0.541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated

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TDG	DOT	IMDG	IATA
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user**TDG**

Not regulated

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

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**

resins, rosin (8050-09-7)

Listed on the Canadian DSL (Domestic Substances List)

Isopropyl alcohol 99.9% (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

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Not listed on the United States TSCA (Toxic Substances Control Act) inventory

resins, rosin (8050-09-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on INSQ (Mexican National Inventory of Chemical Substances)
 Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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Isopropyl alcohol 99.9% (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

SECTION 16: Other information

Issue date : 01/06/2023
Revision date : 04/28/2023
Supersedes : 01/06/2023

Full text of H-statements:

H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.