

Date of issue: 16 September 2022
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet

Gum N Tar

Classified as: Hazardous according to the EPA Hazardous Substances
(Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Gum N Tar

Supplier: PureWax Ltd
Unit 14, 88 Hobsonville Road
Hobsonville
Auckland 0618
New Zealand

Phone: 0800 PUREWX (787 399)

Recommended Use: Gum and tar remover

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **HSR002528**

HSNO CLASSIFICATIONS: 3.1C Flammable liquid
6.1D Acute toxicity, oral
6.1D Acute toxicity, dermal
6.1E Aspiration hazard
6.3A Skin irritant
6.4A Eye irritant
6.8B Suspected of damaging fertility or the unborn child
6.9B Harmful to human target organs or systems, repeated exposure

GHS Classification: Flammable liquid – Category 3
Acute toxicity, oral – Category 4
Acute toxicity, dermal – Category 4
Skin irritation – Category 2
Eye irritation – Category 2
Reproductive toxicity – Category 2
Specific target organ toxicity, repeated exposure – Category 2
Aspiration hazard – Category 1

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Hazard Statements: H226 Flammable liquid and vapour
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H361 Suspected of damaging fertility or the unborn child
H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure via inhalation.

GHS Pictograms:



DANGER

PREVENTION STATEMENTS:

- P201 – Obtain special instructions before use.
- P202 – Do not handle until all safety instructions have been read and understood.
- P210 – Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P233 – Keep container tightly closed.
- P240 – Ground and bond container and receiving equipment.
- P241 – Use explosion-proof equipment.
- P242 – Use non-sparking tools.
- P243 – Take action to prevent static discharges.
- P260 – Do not breathe spray/vapours/fumes/mist.
- P264 – Wash hands, exposed skin, thoroughly after handling.
- P270 – Do not eat, drink, or smoke, when using this product.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE STATEMENTS:

- P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
- P330 – Rinse mouth.
- P331 – Do NOT induce vomiting.
- P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P321 – Specific treatment (refer to first aid instructions on label).
- P363 – Wash contaminated clothing before reuse.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332 + P337 + P308 + P313 – If skin irritation occurs, or eye irritation persists, or if exposed or concerned: Get medical advice/attention.
- P370 + P378 – In case of fire: Use water fog, foam, dry chemical, or carbon dioxide to extinguish.

STORAGE:

- P405 – Store locked up.
- P403 + P235 – Store in a well-ventilated place. Keep cool.

DISPOSAL:

- P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Do not incinerate. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Gum and tar remover

Main Component	CAS Number	Concentration (% wt)
Petroleum distillates (VP=0.01mmHg @ 20°C)	64742-47-8	55 - 65%
Xylene	1330-20-7	25 - 35%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required:	Shower and eyewash facilities should be provided.
If Inhaled:	Remove to fresh air. Seek medical attention if drowsiness or dizziness occurs.
In Contact with Eye:	Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.
In Contact with Skin:	Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists.
If Swallowed:	DO NOT INDUCE VOMITING. Seek immediate medical attention. Rinse mouth. If vomiting occurs, keep head below hips to prevent aspiration to lungs.
Advice to Doctor:	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard:	Flammable liquid and vapour. Fire-heated containers may become pressurised and burst.
Suitable Extinguishing Media:	Use water fog, foam, carbon dioxide, or powder to extinguish. Do not use water jet as this will spread the fire.
Precautions in Connection with Fire:	Containers may rupture when heated. Thermal decomposition may produce toxic fumes containing oxides of carbon and other toxic gases.
Advice for firefighters:	Remove containers from path of fire if safe to do so. Cool fire-exposed containers with water spray. Wear full firefighting gear and self-contained breathing apparatus. Avoid breathing fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan complying with Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when quantities exceed 1,000L.

Precautions:	Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Remove all ignition sources. Avoid breathing vapours, mist, spray. Avoid contact with skin and eyes.
Suitable Protective Equipment:	Emergency responders must use personal protective equipment, including respiratory protection, gloves, protective clothing, and safety glasses with side shields or safety goggles.
Spill or Leak Procedures.	Stop leak if safe to do so. Absorb with inert, non-combustible material such as sand, earth. Clean up using non-sparking tools. Place contaminated absorbent material in a labelled waste container for disposal.
Waste Disposal Methods:	Dispose of as per Section 13.
Emergency preparation:	Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Do not breathe vapours, fumes, mist, spray. Use in a well-ventilated area or outdoors. Do not use near ignition sources or hot surfaces. Ground/bond container to prevent build-up of static electricity. Do not eat, drink, or smoke, when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.
Storage:	Store locked up. Keep out of direct sunlight. Keep away from ignition sources and combustible materials. Store in a well-ventilated area. Do not store near food, drink, or animal feed. Do not store in unlabelled containers.
Site Storage Requirements:	Site Signage will be required when quantities exceed 1,000L.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ:	No Workplace Exposure Standards have been established for this product but have been established for the following ingredient: Xylene – TWA 50 ppm, 217 mg/m ³ (ototoxic)
Engineering Controls:	Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. If use results in exposure to vapours, fumes, mist, or spray, use engineering controls such as local exhaust ventilation to ensure workers are not exposed to concentrations that exceed workplace exposure standards.
Personal Protective Equipment:	Avoid contact with the skin and eyes. Avoid inhaling vapours, fumes, mist, spray. Observe good chemical hygiene practice.
Hand protection:	Wear protective gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

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Skin and body protection: Wear protective clothing. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or safety goggles. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: Where there is inadequate ventilation, and use results in exposure to vapours, fumes, mist, spray, use a respirator fitted with a solvent vapour cartridge. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection.

Other information: Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	Colour:	Colourless
Odour:	Solvent	Odour Threshold:	Not available
pH:	9	Solubility (water, 20°C):	Insoluble
Freezing point:	Not available	Boiling Point:	>100°C
Flammability:	Flammable	Flash Point:	37°C (approx.)
LEL/UEL:	0.9 – 7% (estimated)	Vapour Pressure (20°C):	> 1
Decomposition Temp:	Not available	Autoignition Temp:	Not available
Relative Density:	0.85 (water = 1)	Vapour Density:	> 1
Partition Coefficient: n-octanol/water	Not available	Viscosity (40°C):	Not available
Particle characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: No dangerous reactions are expected to occur under normal storage and use conditions.

Conditions to Avoid: Heat, sparks, ignition sources, sunlight.

Incompatibility: Strong oxidisers, acids, combustible materials such as wood, paper, cardboard.

Hazardous Decomposition: Thermal decomposition may result in toxic gases being released including oxides of carbon and other toxic gases.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity:

LD50 oral > 300 - 2000 mg/kg.
LD50 dermal > 1000 - 2000 mg/kg
LC₅₀ inhalation (mist/spray) > 5.0 mg/L

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Inhalation: Not expected to cause toxic effects or be a respiratory irritant. Inhaling large quantities may cause drowsiness, dizziness.

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

Skin Contact: Harmful in contact with skin. Skin irritant.

Eye Contact: Eye irritant.

Sensitiser: Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant Product is a suspected reproductive toxicant. Not expected to be mutagenic or carcinogenic.

Specific Target Organ Systemic Toxicity: Product is harmful to human target organs or systems (central nervous system) via inhalation.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not expected to be ecotoxic.

Persistence/degradability: Not available.

Bioaccumulation: Not available.

Mobility: Product is insoluble in water.

Ecotoxicity data is based on hazardous ingredient information.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

This product is classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.



NZS5433:2020
UN No: 1993
Proper Shipping Name: Flammable liquid n.o.s. (contains Xylene)
Class: 3
Packing Group: III
Environmentally hazardous: No
Hazchem Code: 3YE

IMDG:
UN No: 1993
Proper Shipping Name: Flammable liquid n.o.s. (contains Xylene)
Class: 3
Packing Group: III
Marine Pollutant: No
EmS: F-E, S-E

IATA:
UN No: 1993
Proper Shipping Name: Flammable liquid n.o.s. (contains Xylene)
Class: 3
Packing Group: III

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Cleaning Products (Flammable) Group Standard 2020

HSNO Approval Code: HSR002528

Classifications:
Flammable liquid – Category 3
Acute toxicity, oral – Category 4
Acute toxicity, dermal – Category 4
Skin irritation – Category 2
Eye irritation – Category 2
Reproductive toxicity – Category 2
Specific target organ toxicity, repeated exposure – Category 2
Aspiration hazard – Category 1

This substance triggers:	Compliance Certificate	500L (containers > 5L), 1,500L (containers up to 5L)
	Certified Handler	N/A
	Quantity that must be secured	N/A
	Emergency Response Plan	1,000L
	Secondary Containment	1,000L

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Signage 1,000L
Fire Extinguishers 2 required for quantities > 500L

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved for use as a cleaning product. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 16 September 2022

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
European Chemical Agencies Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: 3D International, USA, Gum Tar Remover, June 2016

END OF SAFETY DATA SHEET