

Asphalt

Section 1. Identification

Common name: Asphalt

Product Code: 208-GHS

Synonym:

Material uses: Asphalt products are to be used for paving roads and highways, as waterproofing and sealing products, as coating products or for other engineering applications.

Supplier / Manufacturer:

Énergie Valero Inc.

1801 Avenue McGill Collège, 13ième étage

Montréal

Québec, Canada, H3A 2N4

Phone: 800-295-0391

clientele@ultramar.ca

<http://www.ultramar.ca>

In case of emergency:

CANUTEC: (613) 996-6666

Section 2. Hazards identifications

Classification:



Carcinogenicity, Category 1B

Signal word: Danger

Hazard statements:

H350: May cause cancer.

Precautionary statements:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

P308+P313: If exposed: Call a POISON CENTER or doctor/physician.

P405: Store locked up.

P501: Dispose of contents / container by a local waste disposal company according to regional regulations.

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Asphalt	8052-42-4	0 - 100
Residues (petroleum), vacuum	64741-56-6	0 - 100
Distillates (petroleum), petroleum residues vacuum	68955-27-1	0 - 15

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

In case of contact with hot or molten product, cool rapidly with water and seek immediate medical attention. Do not attempt to remove molten product from skin because skin will tear easily. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.

Inhalation:

Bring the conscious victim to fresh air.

Ingestion:

Do NOT induce vomiting.

Indication of immediate medical attention and special treatment needed, if necessary:

Do not give anything by mouth to an unconscious victim. See a doctor.

Most important acute symptoms and effects:

Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness.

Section 5. Firefighting measures

Flammability of the product:

Non-flammable

Flash point:

177°C / 350.6°F Closed cup

Auto-ignition temperature:

316°C / 600.8°F

Products of combustion:

Data not available

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

Suitable extinguishing media:

Water spray, Carbon dioxide, Dry Chemical, Do not use water jet.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Do not ingest. Do not breathe vapors and mist. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Asphalt	8052-42-4	TWA	5 mg/m ³	CNESST

Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Liquid

Color: Dark brown to black

Odour: Strong petroleum

Melting point/Freezing point: 37.78°C / 100°F (Softening point)

Boiling point: 371.11°C / 700°F

Appearance: Semi-solid at 70F

Flash point: 177°C / 350.6°F Closed cup

Auto-ignition temperature: 316°C / 600.8°F

pH: Data not available

Solubility: Data not available

Density: Data not available

Section 10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Flames and sparks. Ignition sources. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: No hazardous decomposition products are known.

Section 11. Toxicological information

Acute toxicity:

Component	CAS	Value
Asphalt	8052-42-4	DL ₅₀ Oral: Rat > 5000 mg/kg

Skin corrosion/irritation:

Not applicable

Serious eye damage/irritation:

Not applicable

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Asphalt: Suspected of causing cancer.

Residues (petroleum), vacuum: Suspected of causing cancer.

Distillates (petroleum), petroleum residues vacuum: May cause cancer

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Not applicable

Section 12. Ecological information

Ecological data for aquatic environments:

None

Persistence and degradability:

Data not available

Bioaccumulative potential:

Data not available

Mobility in soil:

Data not available

Other adverse effects:


Data not available


Section 13. Disposal considerations


Waste disposal:


Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

Section 14. Transportation information

TDG		
UN #: UN3257	Proper shipping name: ELEVATED TEMPERATURE LIQUID, N.O.S. (Asphalt)	
Class: 9	Packing group: III	

DOT		
UN #: UN3257	Proper shipping name: ELEVATED TEMPERATURE LIQUID, N.O.S. (Asphalt)	
Class: 9	Packing group: III	

IMDG			
UN #: UN3257	Proper shipping name: ELEVATED TEMPERATURE LIQUID, N.O.S. (Asphalt)		
Class: 9	Packing group: III	EMS-No:	

IATA			
UN #: UN3257	Proper shipping name: ELEVATED TEMPERATURE LIQUID, N.O.S. (Asphalt)		
Class: 9	Packing group: III		

Section 15. Regulatory information

NFPA Classification:



Health: 1
Flammable: 1
Reactivity: 0
Specials conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

General product information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the safety data sheet contains all of the required information.

Section 16. Additional information

Date of issue:

2022-06-08

Version:

1.00

Elaborated by:

Toxyscan inc.

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