



Elotene DSN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product

Name: Elotene DSN Vapour Barrier

Form: Mixture

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

Use of the substance/mixture, Bituminous waterproofing membrane.

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier

InStar UK Ltd

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1.4 Emergency telephone number

During office hours tel: +44 (0) 1858410372.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Retained CLP Regulation (EU) No. 1272/2008 as amended for Great Britain

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Retained CLP Regulation (EU) No. 1272/2008 as amended for Great Britain

No labelling applicable.

2.3. Other hazards

Other hazards which do not result in classification : Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0.1%.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable.

3.2 Mixtures

Use of the substance/mixture, Bituminous waterproofing membrane.

NAME	Product Identifier	%	Retained CLP Regulation (EU) No. 1272/2008 as amended for Great Britain
Asphalt substance with national workplace exposure limit(s) (GB)	(CAS-No.) 8052-42-4 (EC-No.) 232-490-9	70-85	Not classified

SECTION 4: First aid measures**4.1 Description of first aid measures**

First-aid measures after inhalation: Move the affected person away from the contaminated area and into the fresh air. If irritation persists, consult a doctor.

First-aid measures after skin contact: Wash with soapy water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse with plenty of water. If irritation persists, consult an eye specialist.

First-aid measures after ingestion: Rinse mouth out with water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: No specific effects and/or symptoms are known.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media : Water spray. Carbon dioxide (CO₂). Foam. Powder.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Not classified as flammable, but may present a risk in the event of a fire.

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon oxides (CO, CO₂). Toxic fumes may be released. Various hydrocarbon fragments.

5.3. Advice for firefighters

Firefighting instructions: Cool down the containers exposed to heat with a water spray.

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

6.1.1. For non-emergency personnel

Emergency procedures: Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment: Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Contain the spilled material by bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

For containment: Mechanically recover the product.

Methods for cleaning up: Hose down area with water.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling And Storage

7.1. Precautions for safe handling

Precautions for safe handling: Does not require any specific or particular technical measures. Ensure that there is a suitable ventilation system.

Hygiene measures: Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry, cool, well-ventilated area. Keep container tightly closed. Protect from heat and direct sunlight.

Incompatible materials: Strong oxidizing agents. Strong acids.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ASPHALT (8052-42-4) United Kingdom - Occupational Exposure Limits	
Local name	Asphalt
WEL TWA (OEL TWA) [1]	5 mg/m ³ petroleum fumes
WEL STEL (OEL STEL)	10 mg/m ³ petroleum fumes
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

**SECTION 8: Exposure controls/personal protection (cont)****8.2. Exposure controls****Appropriate engineering controls:**

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Ensure good ventilation of the work station.

Hand protection: Suitable protective gloves. Breakthrough time : refer to the recommendations of the supplier

Eye protection: Safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection: No special protection required. In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Exposure controls/personal protection (cont)**9.1. Information on basic physical and chemical properties**

PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Solid
Colour	Blackish, metallic
Odour	Hydrocarbons.
Odour threshold	No data available.
ph	Not applicable.
Relative evaporation rate (butylacetate=1)	No data available.
Melting point	No data available.
Freezing point	No data available.
Boiling point	No data available.
Flash point	230°C (closed cup) (ISO 2719)
Auto-ignition temperature	> 300°C
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20°C	Not applicable.
Relative density	No data available
Density	No data available
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	Not applicable.
Viscosity, dynamic	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	No data available
Explosive limits	No data available



SECTION 10: Stability And Reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral):	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal):	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation):	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation:	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable.
Serious eye damage/irritation:	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable.
Respiratory or skin sensitisation:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard:	Not classified (Technical impossibility to obtain the data)
Bitumen waterproofing products:	
Viscosity, kinematic:	Not applicable.



SECTION 12: Stability And Reactivity

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute): Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic): Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Strong oxidizing agents. Strong acids.

COMPONENT	
Asphalt (8052-42-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of in accordance with relevant local regulations.

SECTION 14: Transport Information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.2. UN proper shipping name				
Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.3. Transport hazard class(es)				
Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.4. Packing group				
Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine Pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

**SECTION 14: Transport Information (cont)****14.6. Special precautions for user****Overland transport**

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances
- Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
- Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.1.3. National regulations

No chemical safety assessment has been carried out



SECTION 16: Other information

INDICATION OF CHANGES:		This sheet was updated (2020)	
Section	Changed item	Change	Comments
	Revision date	Modified	
1.1	Name	Modified	
1.1.	Other means of identification	Added	
2.1	Adverse physicochemical, human health and environmental effects	Modified	
2.3.	Other hazards not contributing to the classification	Added	
3.	Composition/information on ingredients.	Modified	
11.1	Reason for no classification	Modified	
12.	Reason for no classification	Added	
16	Not applicable.	Added	

ABBREVIATIONS AND ACRONYMS:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA - European Chemical Agency. SDS of suppliers.

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.

REVISED VERSION	SIGNED BY	LOCATION/ POSITION	DATE
V3	D. MILLS 	Market Harborough/ National Sales Manager	22/02/22

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