



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

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

1.1. Product identifier

Product Name	PatchMaster H572 Pothole Filler
Product Inclusion	This document covers PatchMaster H572 Pothole Filler only.
Container Size	Variable

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

Identified Uses	Temporary reinstatement of trenches, potholes, kerb ramps etc. For professional use only.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier	Meon Ltd. Railside Northharbour Spur Portsmouth PO6 3TU +44 (0) 23 9220 0606 mail@meonuk.com
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1.4. Emergency Telephone Number

Emergency telephone	+44 (0) 808 118 1922
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Classification, Labelling & Packaging Regulation (EC) 1272/2008 [CLP]

Carcinogenicity, Category 1A H350

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

Adverse physicochemical, human health and environmental effects

May cause cancer.

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP):	Danger
Contains:	GASOIL – UNSPECIFIED – DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE

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Hazard statements (CLP):

H350 – May cause cancer.

Precautionary statements (CLP):

P201 – Obtain special instructions before use.

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

P280 – Wear protective gloves / protective clothing / eye protection / face protection / hearing protection.

P308 + P313 – If exposed or concerned: Get medical advice / attention.

P405 – Store locked up.

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

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Ingredient	CAS No. EC No.	Classification	Concentration %
GASOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	CAS-No.: 64742-46-7 EC-No.: 265-148-2 Index-No.: 649-221-00-X	Carc. 1A, H350 Carc. 1B GHS08 Dgr	< 5
N-[2-(piperazin-1- yl)ethyl]C18-unsaturated- alkylamide	CAS-No.: 1228186-18-2 EC-No.: 629-767-5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	< 5

Additional Information: To obtain more information on the risk of the substances consult section 8, 11 and 16.

SECTION 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

4.1. Description of first aid measures

General

If exposed or concerned: Get medical advice/attention.

In case of Inhalation:

Remove person to fresh air and keep comfortable for breathing.

In case of skin contact:

Wash skin with plenty of water.

In case of eye contact:

Rinse eyes with water as a precaution.

In case of ingestion:

Call a poison center or doctor if you feel unwell.

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

No additional information is available.

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 / Dry powder / Foam

5.2. Special hazards arising from the substance or mixture.

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

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5.3. Advice for firefighters

Special protective equipment for 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

Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.1 For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up.

Methods for cleaning up: Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Section 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions on safe handling

Ensure good ventilation of the workstation. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly.

Hygiene measures

Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities.

Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific and uses.

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available.

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3 Air contaminants formed.

No additional information available.

8.1.4. DNEL and PNEC

No additional information available.

8.1.5. Control banding

No additional information available.

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the workstation.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Black.
Odour:	Characteristic odour.
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate(butylacetate=1):	No data available
Melting point:	No data available
Freezing point:	Not applicable
Boiling point:	No data available
Flash point:	> N/A
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data available
Flammability (solid, gas):	Non-flammable.
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	No data available
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	Not applicable
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid.

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available.

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:**

No classified.

N-[2-(piperazin-1-yl)ethyl]C18-unsaturated-alkylamide (1228186-18-2)	
LD50 oral rat	200 – 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)

Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	May cause cancer
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified

N-[2-(piperazin-1-yl)ethyl]C18-unsaturated-alkylamide (1228186-18-2)	
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents), Guideline: other:Japanese Chemical Substances Control Law 1987 according to the notification of November 21, 2003 by Ministry of Health, Labor and Welfare (No. 1121002), Ministry of Economy, Trade and Industry (No. 2) and Ministry of Environment (No. 031121002)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Probit Delayed Set Macadam	
Viscosity, kinematic	Not applicable

SECTION 12: Ecological information**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.

Hazardous to the aquatic environment, long-term (chronic):

Not classified.

Not rapidly degradable

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N-[2-(piperazin-1-yl)ethyl]C18-unsaturated-alkylamide (1228186-18-2)	
LC50 - Fish [1]	10 mg/l
EC50 - Daphnia [1]	0.44 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	mg/l Test organisms (species): Daphnia magna Duration: '21 d'
EC10, marine or freshwater	0.1 mg/l

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

N-[2-(piperazin-1-yl)ethyl]C18-unsaturated-alkylamide (1228186-18-2)	
Bioconcentration factor (BCF REACH)	< 4.5 L/kg

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

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

ADR	IMDG	IATA	AND	RID
<u>14.1. UN number</u>				
UN -	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.2. UN proper shipping name</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.3. Transport hazard class(es)</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.4. Packing Group</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.5. Environmental hazards</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Overland transport

No data available.

Transport by sea

Not applicable.

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Air transport

Not applicable.

Inland waterway transport

Not applicable.

Rail transport

Not applicable.

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

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions.

REACH Annex XVII (Authorisation List)

Contains no REACH Annex XIV substances.

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list.

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

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.

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

No additional information available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
H302	Harmful if swallowed.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

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Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.