



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 Magma TarBusta W995 Water Soluble Bitumen Remover
Container Size Various

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

Identified Uses Dissolving and removing of bitumen residue
Used advised against None 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

1.4. Emergency Telephone Number

Emergency telephone +44 (0) 808 118 1922

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP] Flam. Liq. 3; H226 - Flammable liquid and vapour
Skin Irrit. 2; H315 - Causes skin irritation
Skin Sens 1; H317 - May cause an allergic skin reaction
Eye Irrit. 2; H318 - Causes serious eye damage
Aquatic Acute 1; H400 - Very toxic to aquatic life
Aquatic Chronic 1; H410 - Toxic to aquatic life with long lasting effects

2.2. Label Elements

Labelling according Regulation (EC) No 1272/2008 [CLP]
Hazard pictograms



Signal word Danger
Hazard statement(s) H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

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H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261 - Avoid breathing vapour/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353 - IF ON SKIN: Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental hazard statement(s)

None

2.3. Other hazards

This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

	EC No.	Index No.	Classification	Concentration
Dipentene CAS No. 138-86-3	205-341-0	-	Flam Liq. 3, Skin Irrit. 2, Skin Sens 1, Aquatic Chronic 1. H226H, H315, H317, H410	> 90%v/v
IsotridecanolEthoxylate (EO 6 - 20) CAS No. 24938-91-2	-	-	Eye damage. 1, Acute Tox. 4 H318, H302	< 8.5%v/v

For the full text of the H-Statements mentioned in this Section, see Section 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

If inhaled

Unlikely to occur during intended use. If vapour or mists are breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and water. If irritation persists, seek further medical attention.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Take care not to wash the chemical from one eye to the other. If irritation persists, seek further medical attention.

If swallowed

Never give anything by mouth to an unconscious person. If person is conscious, rinse mouth with water and give plenty of water to drink. Seek further medical attention if feeling unwell.

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

When properly handled, the product is not dangerous for human health.

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

Immediate / special treatment No data available.

SECTION 5: Firefighting measures

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Suitable extinguishing media

Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide.

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Unsuitable extinguishing media None.

5.2. Special hazards arising from the substance or mixture

Highly dependent on combustion conditions. May produce decomposition fumes and combustion products if involved in a fire.

5.3. Advice for firefighters

Advice for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Use water spray to cool containers. Use water fog to disperse vapours and leaks that have not ignited. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours or mists. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

Clean-up procedures

Absorb in inert material such as sand or non-combustible granules. Scoop up and place in a plastic container and dispose of in a manner consistent with applicable regulations.

6.4. Reference to other sections

Reference to other sections

For disposal see Section 13.

SECTION 7: Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions on safe handling

Handling requirements

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with occupational exposure limits

None.

8.2. Exposure controls

Appropriate engineering controls

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

Respiratory protection

Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control, use an organic, acid gas filter type A.

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Hand protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include Nitrile, Polythene, Neoprene, PVC, PVA and Butyl gloves.
Eye protection	Use equipment for eye protection tested and approved under appropriate standards such as EN 166.
Skin protection	Wear suitable overalls or apron and change if contaminated.
Environmental exposure controls	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance (Form)	Liquid
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point	No data available
Flash point (°C)	46 °C
Evaporation rate	No data available
Flammability (liquid)	Flammable
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	Miscible in alcohol
Partition coeff. n-octanol/water	No data available
Auto-ignition temperature (°C)	237 °C
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	None
Oxidising properties	None

9.2. Other information

Other information	No data available
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No data available on mixture.
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10.2. Chemical stability

Stability	Expected to be stable at normal temperatures and under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data available.
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10.4. Conditions to avoid

Conditions to avoid	High temperature (> 50°C), sources of ignition & direct sunlight.
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10.5. Incompatible materials

Materials to avoid Strong oxidising agents, soluble carbonates and phosphates, hydroxides, metals, peroxides and permanganates.

10.6. Hazardous decomposition products

Hazardous decomposition Products No hazardous decomposition products when stored and handled correctly.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity LD50 (oral)/LD50 (dermal)/LC50 (inhalation): No acute lethal effects.

Skin corrosion/irritation Irritating to skin.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitisation May cause skin sensitisation and allergic reactions in sensitised individuals.

Germ cell mutagenicity No known mutagenic potential.

Carcinogenicity
IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity No known toxic to reproduction potential.

Specific target organ toxicity – single exposure

No data available on mixture. Inhalation of significant vapours or mists may cause transient respiratory irritation.

Specific target organ toxicity – repeated exposure

No data available.

Aspiration hazard

No data available on mixture. Not expected to pose an aspiration hazard.

Potential health effects

Inhalation May be harmful if inhaled in quantity. Vapours may irritate throat and respiratory system and cause coughing.

Ingestion May be harmful if swallowed with gastrointestinal symptoms including stomach upsets.

Skin Causes skin irritation and potential sensitisation effects.

Eyes Causes serious eye damage which may be permanent if not treated rapidly.

Signs and Symptoms of Exposure

Material may cause irritation to the respiratory tract, eyes and skin. Symptoms may include inflammation of the mucous membranes and upper respiratory tract, coughing, wheezing, shortness of breath. To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated.

Additional Information

Not available.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects

12.2. Persistence and degradability

Persistent in the aquatic environment.

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12.3. Bioaccumulative potential

No data available. Not expected to bioaccumulate.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available. Will not meet PBT or vPvB criteria.

12.6. Other adverse effects

Very toxic to aquatic life.

SECTION 13: Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Product Material is classified as non-hazardous waste under the Hazardous Waste Regulations 2005 (as amended). Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging Dispose of as unused product.

SECTION 14: Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for Air Transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

14.1. UN number

ADR/RID	2319
IMDG	2319
IATA	2319

14.2. UN proper shipping name

ADR/RID	TERPENE HYDROCARBONS, N.O.S.
IMDG	TERPENE HYDROCARBONS, N.O.S.
IATA	TERPENE HYDROCARBONS, N.O.S.

14.3. Transport hazard class(es)

ADR/RID	3
IMDG	3
IATA	3

14.4. Packing group

ADR/RID	III
IMDG	III
IATA	III

14.5. Environmental hazards

ADR/RID	No
IMDG Marine Pollutant	Yes
IATA	No

14.6. Special precautions for user

Special precautions No data available

14.7. Transport in bulk according to Annex II of MARPOL3/78 and the IBC Code

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SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	Health & Safety at Work etc. Act 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended) EH40/2005 Workplace Exposure Limits (as amended) Environmental Protection Act 1990 Hazardous Waste Regulations 2005 (as amended)
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15.2. Chemical safety assessment

Chemical safety assessment	No data available.
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SECTION 16: Other information

Further information

Text of H-statements mentioned in Section 3	H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H410 - Very toxic to aquatic life with long lasting effects.
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Recommended restrictions on use	Use in accordance with manufacturer's technical instructions.
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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.