

BENTONE HT2

SAFETY DATA SHEET According to REACH regulation (EC) 1907/2006 amended regulation (EU) 2020/878

	SAFETY DATA SHEET According to REACH regulation (EC) 1907/2006 amended regulation (EU) 2020/878	Page: 1 Revised Edition No. 7 Issue date: 07/10/2025 Supersedes: Edition 6
BENTONE HT2 GREASE Product Code: ML-11018		

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

1. Product identifier

Trade Name: Bentone HT2
Product Form: Mixture

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

1.2.1 Relevant identified uses

Main use category: Industrial use, professional use
Industrial/ professional use spec: For professional use only
Industrial
Use of the substance/mixture/blend: Lubricants, Greases and Release Products

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Company Identification: Brit-Lube Limited
18 Adlington Court
Birchwood
Warrington
Cheshire, United Kingdom
Tel: +44(0)333 358 2833
admin@brit-lube.com www.mako-lube.com

1.3 Emergency telephone number

Emergency number: +44 (0) 333 358 2833 – Not 24 hours

Country	Organisation/ Company	Address	Emergency number	Comment
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United Kingdom	National Poisons Information Service (Birmingham Centre)	City Hospital Dudley Road Birmingham B18 7QH	0344-892 0111 (UK Only)	Only for healthcare professionals
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Section 2: Hazards identification

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not classified as Hazardous

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

Adverse physicochemical, human health and environmental affects

No additional information available

2.2 Label elements

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

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements

P270	Do not eat, drink or smoke when using this product.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of container/contents to an appropriate recycling or disposal facility in accordance with local regulation.
EUH-phrases	
EUH210	Safety data sheet available on request.

2.3 Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation 2018/605 at a concentration to or greater than 0.1%

3. Composition/information on ingredients

3.1 Substances

Not applicable

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3.2 Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

Name	Product identifier	%	Classification according to Regulation (EC) No.1272/2008 (CLP)
Benzenamine N-phenyl-, reaction products with 2-4-4-trimethylpentene	CAS No. : 68411-46-1 Index No. : EC No. : 270-128-1 REACH No. : 01-2119491299-23-xxxx	>=1-<5	Aquatic Chronic 3 - H412 Repr. 2 - H361f

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

4. First aid measures

4.1 Description of first aid measures

First aid measures general	: Never give anything by mouth to an unconscious person
First aid measures after inhalation	: Allow affected person to breath fresh air. Allow victim to rest
First aid measures after skin contact	: Wash skin with plenty of water
First aid measures after eye contact:	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First aid measures after ingestion	: Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effect, both acute and delayed

Symptoms/ effects	: Not expected to present significant hazard under anticipated conditions of normal use.
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4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

Section 5: Firefighting measures

5.1 Extinguishing media

Prevention	: Do not expose to naked flames or fire. No smoking.
Extinguishing Media	: Foam, Dry powder, Carbon dioxide, Water spray, Sand
Unsuitable extinguishing media	: Do not use high pressure water
Surrounding Fires	: Use water spray to cool containers

5.2 Special hazards arising from substance or mixture

No additional information available

5.3 Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling containers. Exercise caution when fighting any
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chemical fire. Prevent firefighting water from entering the environment.

Protection for during firefighting : Do not enter fire area without Proper Protective Equipment, including respiratory equipment.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area

6.2 Environmental precautions

Prevent entry to sewers and public water ways. Notify authorities if liquid enters sewers or public water ways. Avoid release to the environment

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep or shovel into suitable containers. Collect spillage

6.4 Reference to other sections

See section 8. Exposure controls and personal protection

Section 7: Handling & storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including incompatibilities

Storage conditions : Keep only in original container. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls/ personal protection

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

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No additional information available

8.1.2 Recommended monitoring procedures

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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 Exposure controls

8.2.1 Appropriate engineering controls

No additional information available

8.2.2 Personal protective equipment

Personal protective equipment

Avoid all unnecessary exposure

Personal protective equipment symbol(s):



8.2.2.1 . Eye & face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves. Nitrile rubber gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use

8.2.2.4. Thermal hazards

No additional information available

8.2.3 Environmental exposure controls

No additional information available

Other information:

Do not eat, drink or smoke during use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Buttery Grease
Colour	: Black
Odour	: Characteristic
Freezing point	: Not available
Boiling point	: Not available
Flash point	: > 240°C
Auto-ignition temperature	: > 420°C
Decomposition temperature	: Not available
pH	: Not available
Solubility in water	: Material not soluble in water
Relative density at 20°C	: Not available

9.2. Other information

9.2.1. Information regarding physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 0g/l

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 normal conditions.

10.3 Possibility of hazardous reactions

Stable under normal conditions.

10.4 Conditions to avoid

Direct sunlight. Extreme high & low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

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- Does not decompose when used for intended uses.

Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not Classified
Acute toxicity (dermal)	: Not Classified
Acute toxicity (inhalation)	: Not Classified
Skin corrosion/irritation	: Not Classified
Additional information	: Based on available date, the classification criteria are not met
Serious eye damage/irritation	: Not Classified
Additional information	: Based on available date, the classification criteria are not met
Respiratory or skin sensitisation	: Not Classified
Additional information	: Based on available date, the classification criteria are not met
Germ cell mutagenicity	: Not Classified
Additional information	: Based on available date, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available date, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available date, the classification criteria are not met
STOT – single exposure	: Not classified
Additional information	: Based on available date, the classification criteria are not met
STOT – repeated exposure	: Not classified
Additional information	: Based on available date, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available date, the classification criteria are not met

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

Section 12: Ecological information

12.1 Toxicity

Ecology – water	: Not soluble in water
Hazardous to the aquatic environment, short term (acute)	: Not classified
Hazardous to the aquatic environment, Long term (chronic)	: Not classified

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Toxicity : Substances

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
(68411-46-1)

EC50 48 hr crustacea	51 mg/l
LC50 96 hr fish	> 100 mg/l
ErC50 other aquatic plants	> 100 mg/l

12.2 Persistence and degradability

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Persistence and degradability	Not established
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12.3 Bioaccumulative potential

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Bioaccumulative potential	Not established
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Substances

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
(68411-46-1)

Bioconcentration factor (BCF)	> 1.73 L/kg
Log KOC	> 5

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Endocrine disrupting properties

No additional information available

12.7 Other adverse effects

Additional information : Avoid release to the environment

Section 13: Disposal considerations

13.1 Waste treatment methods

Product/ packaging disposal : Dispose of in a safe manner in accordance with local/national regulations
Ecology – waste materials : Avoid release to the environment

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Section 14: Transport information

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

ADR	IMDG	IATA	AND	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. Un proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6 Special precautions for user.

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

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 substances 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 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.

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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.

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.

VOC content : 0 g/l

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 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

Data Sources : Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing directives 67/548/EEC and 1994/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Not Classified	Not classified
Repr. 2	Reproductive toxicity - Category 2 (H361f)

Product Use: : For Industrial use only. Lubricant

DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This Safety Data Sheet (SDS), therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This SDS was prepared solely for the product stated and should not be used for any other product.

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