



## SAFETY DATA SHEET

### Holts Graphite Maintenance Spray

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

##### 1.1. Product identifier

<b>Product name</b>	Holts Graphite Maintenance Spray
<b>Product number</b>	HMTN0008A, HMTN0501A, NQA1043
<b>Internal identification</b>	PA147A
<b>UFI</b>	UFI: CTEX-403Q-500G-CXSW
<b>REACH registration notes</b>	This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

<b>Identified uses</b>	Car maintenance product.
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##### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	A Holts Car Care Product Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com
<b>Contact person</b>	Contact Email address: info@holtsauto.com

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
<b>National emergency telephone number</b>	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberry@npis.org  www.npis.org

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

<b>Physical hazards</b>	Aerosol 1 - H222, H229
<b>Health hazards</b>	STOT SE 3 - H336
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

## Holts Graphite Maintenance Spray

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.  
H336 May cause drowsiness or dizziness.

### Precautionary statements

P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing spray.  
P271 Use only outdoors or in a well-ventilated area.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/ container in accordance with local regulations.

### Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

### UFI

UFI: CTEX-403Q-500G-CXSW

### Contains

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

### Supplementary precautionary statements

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTRE/doctor if you feel unwell.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			30-60%
CAS number: —	EC number: 919-857-5	REACH registration number: 01-2119463258-33-0000	
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304			
BUTANE			10-30%
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32-XXXX	
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas			

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<b>SOLVENT DEWAXED LIGHT PARAFFINIC DISTILLATE (PETROLEUM)</b>			<b>10-30%</b>
CAS number: 64742-55-8	EC number: 265-158-7	REACH registration number: 01-2119487077-29-XXXX	
<b>Classification</b> Asp. Tox. 1 - H304			

<b>ISOBUTANE</b>			<b>5-10%</b>
CAS number: 75-28-5	EC number: 200-857-2	REACH registration number: 01-2119486944-21-XXXX	
<b>Classification</b> Flam. Gas 1 - H220 Press. Gas			

<b>N-alkyl "oleyl" propylene diamine, di-oleate</b>			<b>&lt;1%</b>
CAS number: 40027-38-1	EC number: 254-754-2	REACH registration number: 01-2120801615-62-XXXX	
M factor (Acute) = 1			
<b>Classification</b> Acute Tox. 3 - H301 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400			

<b>Non Ionic Surfactant</b>			<b>&lt;1%</b>
CAS number: 9002-92-0	REACH registration number: 01-2119968561-30-XXXX		
M factor (Acute) = 1			
<b>Classification</b> Eye Dam. 1 - H318 Aquatic Acute 1 - H400			

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Not relevant.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Extremely flammable. May explode when heated or when exposed to flames or sparks. Containers can burst violently or explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. If leakage cannot be stopped, evacuate area.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Pressurised container: Must not be exposed to temperatures above 50°C.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

#### **ISOBUTANE**

Long-term exposure limit (8-hour TWA): OES 800 ppm

Short-term exposure limit (15-minute): OES 800 ppm

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WEL = Workplace Exposure Limit.

### Ingredient comments

WEL = Workplace Exposure Limits

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

DNEL	Industry - Dermal; Long term : 208 mg/kg/day
	Industry - Inhalation; Long term : 871 mg/m <sup>3</sup>
	Consumer - Dermal; Long term : 125 mg/kg/day
	Consumer - Inhalation; Long term : 185 mg/m <sup>3</sup>
	Consumer - Oral; Long term : 125 mg/l

#### SOLVENT DEWAXED LIGHT PARAFFINIC DISTILLATE (PETROLEUM) (CAS: 64742-55-8)

DNEL	Workers - Inhalation; Long term systemic effects: 2.73 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 5.58 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 0.97 mg/kg/day
	General population - Oral; Long term systemic effects: 0.74 mg/kg/day

#### N-alkyl "oleyl" propylene diamine, di-oleate (CAS: 40027-38-1)

DNEL	Workers - Inhalation; Long term systemic effects: 0.074 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 0.01 mg/kg/day
PNEC	Fresh water; Long term 0.276 µg/l
	marine water; Long term 0.028 µg/l
	STP; Long term 0.251 mg/l
	Sediment (Freshwater); Long term 8.6 mg/kg
	Sediment (Marinewater); Long term 0.86 mg/kg
	Soil; Long term 10 mg/kg

#### NON HAZARDOUS INGREDIENTS

Ingredient comments	WEL = Workplace Exposure Limits
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#### Non Ionic Surfactant (CAS: 9002-92-0)

DNEL	Workers - Inhalation; Long term systemic effects: 4.93 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 1.4 mg/kg/day
	General population - Inhalation; Long term systemic effects: 0.87 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 0.5 mg/kg/day
	General population - Oral; Long term systemic effects: 0.5 mg/kg/day
PNEC	Fresh water; Long term 1.39 µg/l
	marine water; Long term 0.139 µg/l
	STP; Long term 0.25 mg/l
	Sediment (Freshwater); Long term 25.9 µg/kg sediment dw
	Sediment (Marinewater); Long term 2.59 µg/kg sediment dw
	Soil; Long term 4.35 µg/kg soil dw

### 8.2. Exposure controls

#### Protective equipment



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<b>Appropriate engineering controls</b>	Provide adequate general and local exhaust ventilation.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>Hygiene measures</b>	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Colourless to pale yellow.
<b>pH</b>	pH (concentrated solution): na
<b>Flash point</b>	<1°C
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.8 Upper flammable/explosive limit: 9.5
<b>Relative density</b>	0.825 @ °C
<b>Solubility(ies)</b>	Insoluble in water. Soluble in the following materials: Organic solvents.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Strong oxidising agents. Strong alkalis. Strong mineral acids.
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#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No information available.
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## Holts Graphite Maintenance Spray

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 33,562.68

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** A single exposure may cause the following adverse effects: Central and/or peripheral nervous system damage.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### **Inhalation**

May cause respiratory system irritation. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

### **Ingestion**

No harmful effects expected from quantities likely to be ingested by accident.

### **Skin contact**

Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation. Prolonged contact may cause dryness of the skin.

### **Eye contact**

Vapour or spray in the eyes may cause irritation and smarting.

### **Route of exposure**

Inhalation Skin and/or eye contact

### Toxicological information on ingredients.

**N-alkyl "oleyl" propylene diamine, di-oleate**

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### Acute toxicity - oral

ATE oral (mg/kg) 100.0

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

#### Acute aquatic toxicity

**Acute toxicity - fish** No information available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Not available.

**Short term toxicity - embryo and sac fry stages** Not available.

**Chronic toxicity - aquatic invertebrates** Not available.

#### Ecological information on ingredients.

#### N-alkyl "oleyl" propylene diamine, di-oleate

##### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

#### Non Ionic Surfactant

##### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

### 12.2. Persistence and degradability

**Biodegradation** Inherently biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.



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### 12.6. Other adverse effects

Other adverse effects                      None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**                      Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General**                                      Refer to the Dangerous Goods List for information on any Special Provisions 190, 327, 344, 625.

**Road transport notes**                      5F

#### 14.1. UN number

**UN No. (ADR/RID)**                      1950

**UN No. (IMDG)**                          1950

**UN No. (ICAO)**                          1950

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)**                      AEROSOLS

**Proper shipping name (IMDG)**                      AEROSOLS

**Proper shipping name (ICAO)**                      AEROSOLS

**Proper shipping name (ADN)**                      AEROSOLS

#### 14.3. Transport hazard class(es)

**ADR/RID class**                              2.1

**ADR/RID label**                              2.1

**IMDG class**                                  2.1

**ICAO class/division**                      2.1

#### Transport labels



#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

**EmS**    F-D, S-U

**Tunnel restriction code**                      (D)

## Holts Graphite Maintenance Spray

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

#### SECTION 15: Regulatory information

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

##### EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

#### 15.2. Chemical safety assessment

#### SECTION 16: Other information

##### Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BOD: Biochemical Oxygen Demand.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

EC<sub>50</sub>: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

NOAEL: No Observed Adverse Effect Level.

NOEC: No Observed Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

vPvB: Very Persistent and Very Bioaccumulative.

##### Revision comments

Change of reference number.

##### Revision date

19/03/2020

##### Revision

2

##### Supersedes date

20/02/2019

##### SDS number

14917

## Holts Graphite Maintenance Spray

**Hazard statements in full**

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: may burst if heated.  
H301 Toxic if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.

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.