



SAFETY DATA SHEET

Creation Date: 02.02.2012 Version number: V1.0
Revision Date: None Previous Revision Date(s): None

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

1.1 Product Identifier

Commercial Name: GT85 Maintenance Spray
Other Means of Identification:
SKU Code: 40035890 SAP Code: 56013106
40033906
40035869
40035307
40036651

Internal Ref: CAREAERMSP201107001

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

Product Type: General Purpose Lubricating Spray
Intended / Recommended Use: For lubrication and protection of parts
Uses advised against: None

1.3 Details of the supplier of the safety data sheet

Name and Address of Supplier:	GT85 Ltd Leith House South Harting Hampshire GU31 5PH United Kingdom	Emergency Contact Details GT85 Ltd Leith House South Harting Hampshire GU31 5PH United Kingdom
Telephone:	+ 44 (0) 1730 825151	
Web:	www.gt85.co.uk	
Email:	sales@gt85.co.uk	

1.4 Emergency telephone number

Telephone + 44 (0) 1730 825151

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification according to 1999/45/EC

Repeated exposure may cause skin dryness or cracking and Vapours may cause drowsiness and dizziness.

However in accordance with the EC Directives on Aerosols (75/324/EEC) and subsequent amendments (94/1/EC) this product is classified as Extremely Flammable.

2.2 Label Elements

Labelling according to 1999/45/EC

Symbol(s):



EXTREMELY FLAMMABLE

Risk Phrase(s):

Extremely Flammable
Repeated exposure may cause skin dryness or cracking
Vapours may cause drowsiness and dizziness

Safety Phrase(s):

Keep out of the reach of children
Avoid contact with skin and eyes
Do not breathe vapour/spray
Keep away from sources of ignition – No smoking!
Do not spray on naked flame or any incandescent material

Supplemental Phrase(s):

None

2.3 Other Hazards

Labelling according to 75/324/EEC

WARNING or CAUTION (delete as appropriate)
Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50oC
Do not pierce or burn even after use
Use only as directed
Intentional Misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
SAKI WARNING (UK Only)



SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. Safety Data Sheet relates to mixture

3.2 Mixtures

Name	Range % [ai]	EC No	CAS No	REACH No.	Classification according to 67/548/EEC
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	10-100	265-150-3	64742-48-9	01-2119463258-33	F R10 Xn R65 R66 R67
Butane	10-100	203-448-7	106-97-8		F R12
Isobutane	1-10	200-857-2	75-28-5		F R12
Propane	1-10	200-827-9	74-98-6		F R12

For full text of R-phrases: See Section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

Neat Product

- Eye:** Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Remove from site of exposure. If redness or irritation persists, obtain medical advice
Protect uninjured eye.
- Skin:** Immediately wash the skin thoroughly with plenty of clean water. If redness or irritation persists, obtain medical advice
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Obtain medical advice.
- Inhalation:** Remove from site of exposure into fresh air. Keep warm and at rest. Obtain medical attention immediately if breathing shows signs of failing or deliberate abuse is suspected.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged or repeated exposure to the skin may lead to irritation.
If mixture comes into contact with eyes will cause moderate irritation
Inhalation may cause moderate irritation of the nasal mucosa and respiratory tract
Over - exposure due to deliberate or accidental inhalation of the concentrated aerosol - derived gases or vapours could lead to drowsiness, headache, narcosis. On rare occasions excessive inhalation may lead to coma or death in susceptible individuals.
If ingested, the mixture may cause slight/mild irritation of the mouth and upper digestive tract. If aspirated, product may cause lung damage.

4.3 Indication of any immediate medical attention and special treatment needed

No special treatment required - see first aid above

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Dry powder, foam, carbon dioxide and water mist.

Unsuitable extinguishing media:

DO NOT USE DIRECT WATER SPRAY.

5.2 Special hazards arising from the substance or mixture

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

5.3 Advice for fire fighters

Wear self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective equipment and emergency procedures

Non emergency personnel:

Avoid contact with eyes. Avoid prolonged skin contact. Keep all non essential personnel away from area of accidental

Emergency personnel:

Wear breathing apparatus if exposed to vapours/aerosols.

Avoid contact with eyes. Avoid skin contact. Keep all non essential personnel away from area of accidental release.

6.2 Environmental Precautions

Avoid discharge of large volumes into water courses

6.3 Methods and materials containment and cleaning up

Small spills (less than 6 bottles):

Wipe or Mop up the spilled mixture with inert absorbent material and dispose of in accordance with normal waste disposal measures

Large spills (greater than 6 bottles):

Contain the spilled mixture with sand or other inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations

6.4 Reference to other sections

Refer to sections 8 & 13

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid contact with eyes, avoid inhalation, avoid prolonged or repeated skin exposure.

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes especially if inflamed or damaged. Rinse and dry hands after use.

Handle large quantities in a well ventilated area

Do not discharge the product whilst smoking or close to a naked flame, incandescent heat source or electrical equipment in use.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container in a cool, dry, well ventilated area away from sources of ignition. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep out of the reach of children.

7.3 Specific end use(s)

For lubrication and protection of parts

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limits

Limit value type (country of origin)	Substance name	EC No	CAS No	Occupational exposure limit		Source
				Long term	Short term	
UK	Butane	203-448-7	106-97-8	600ppm 1450 mg/m ³	750ppm	EH40 2007
UK	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	265-150-3	64742-48-9	1200 mg/m ³	-	HSPA - CEFIC Advisory OEL

8.2 Exposure controls

Personal protective equipment

None during normal use. Avoid prolonged contact.

Environmental exposure controls

No eSDS available

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

- (a) Appearance: Brown Aerosolised Liquid (Particle Size – 59.30 µm)
(b) Odour: Characteristic
(c) Odour threshold: Not Applicable

(d) pH:	4.29
(e) Melting/freezing point:	Not Available
(f) Initial boiling point and boiling range	Not Available
(g) Flash point:	Closed Cup; 45.1°C (Conc); -74 to -104°C 9 Propellant
(h) Evaporation rate:	Not available
(i) Flammability (solid, gas):	Extremely Flammable
(j) Upper/lower flammability or explosive limits:	1.8-10%
(k) Vapour pressure:	Not Available
(l) Vapour density:	1.91 (@ 15°C)
(m) Relative density:	0.686
(n) Solubility:	Not Soluble
(o) Partition coefficient (n-octanol/water):	Not Available
(p) Auto-ignition temperature:	405 - 543°C
(q) Decomposition temperature:	Not Available
(r) Viscosity:	11 Cps (Conc; RV Viscometer, Spindle 1, Speed 100 rpm)
(s) Explosive properties:	Extremely Flammable
(t) Oxidising properties:	None

9.2 Other information

(a) Nanomaterials:	None
(b) Corrosivity to metals:	Not Available

SECTION 10: Stability and reactivity

10.1 Reactivity: Not available

10.2 Chemical stability:
Stable under recommended storage conditions

10.3 Possibility of hazardous reactions:
None under normal processing

10.4 Conditions to avoid:
Heat, Flames & Sparks. Precautionary measures must be taken against static discharges.

10.5 Incompatible materials:
Strong Acids, Oxidising Acids

10.6 Hazardous decomposition products:
Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:

- Oral Mixture is not classified for acute oral toxicity by conventional classification
- Dermal Mixture does not contain any substances classified as harmful in contact with skin
- Inhalation Mixture is not classified for acute inhalation toxicity by conventional classification

Irritation:

- Dermal Mixture is not classified as irritating to skin by conventional classification
- Eye Mixture is not classified as irritating to eyes by conventional classification

Corrosivity:

- Dermal Mixture is not classified as corrosive by conventional classification or pH
- Eye Mixture is not classified as corrosive by conventional classification or pH

Sensitisation:

- Dermal Mixture is not classified as a skin sensitiser by conventional classification
- Inhalation Mixture does not contain any substances classified as respiratory sensitiser:

Specific Target Organ Toxicity - Single Exposure:

- Oral Mixture does not contain any substances classified as STOT - SE by ingestion
- Dermal Mixture does not contain any substances classified as STOT - SE by skin contact
- Inhalation Mixture does not contain any substances classified as STOT - SE by inhalation

Specific Target Organ Toxicity - Repeated Exposure:

- Oral Mixture does not contain any substances classified as STOT - RE by ingestion
- Dermal Mixture does not contain any substances classified as STOT - RE by skin contact

Inhalation Mixture does not contain any substances classified as STOT - RE by inhalation

Aspiration Toxicity: Mixture contains substances which are classified as aspirational toxins however product is an aerosol and if used as intended aspiration is not considered a likely route of exposure.

Carcinogenicity: Mixture does not contain any substances classified as carcinogens

Mutagenicity: Mixture does not contain any substances classified as mutagenic

Toxic for reproduction:
Mixture does not contain any substances classified as toxic for reproduction

Other Information: None

SECTION 12: Ecological information

12.1 Toxicity Mixture is not classified as harmful to the aquatic environment by conventional calculation

12.2 Persistence and degradability
The substances of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

12.3 Bioaccumulative potential
Mixture is not expected to bioaccumulate

12.4 Mobility in soil Mixture is expected to be fully mobile through soil

12.5 Results of PBT and vPvB assessment
Mixture does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects
None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Mixture: Under conditions of expected use the mixture will be disposed of at the end of its life into the normal domestic waste streams

Packaging: Dispose of waste according to applicable legislation. Recycle packaging where facilities exist.

Additional information:
Local or regional provisions may be in force and shall be referred to.

SECTION 14: Transport information

Land Transport (ADR/RID)

14.1 UN Number	UN1950
14.2 UN Proper shipping name	AEROSOLS
14.3 Transport hazard class(s)	2
14.4 Packaging Group	Class 2 Material - No packaging group required
14.5 Environmental hazards	Mixture is not environmentally hazardous in accordance with regulations
14.6 Special precautions for the user	Packed under limited quantity provisions
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant for the supplied quantity

Sea Transport (IMDG Code)

14.1 UN Number	UN1950
14.2 UN Proper shipping name	AEROSOLS

14.3 Transport hazard class(s)	2.1
14.4 Packaging Group	Class 2 Material - No packing group required
14.5 Environmental hazards	Mixture is not environmentally hazardous in accordance with regulations
14.6 Special precautions for the user	Packed under limited quantity provisions
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant for the supplied quantity

Air Transport (ICAO-IATA)

14.1 UN Number	UN1950
14.2 UN Proper shipping name	AEROSOLS
14.3 Transport hazard class(s)	2.1
14.4 Packaging Group	Class 2 Material - No packing group required
14.5 Environmental hazards	Mixture is not environmentally hazardous in accordance with regulations
14.6 Special precautions for the user	Packed under limited quantity provisions
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant for the supplied quantity

SECTION 15: Regulatory Information

- 15.1 Safety, health and environment regulations/legislation specific for the substance or mixture
 Dangerous Preparations Directive 1999/45/EEC
 Aerosol Dispensers Directive 75/324/EEC
 Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (EC) No 1907/2006
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (UK)
- 15.2 Chemical safety assessment
 No chemical safety assessment has been carried out

SECTION 16: Other information

Reason for and Description of SDS revisions:
 REACH Annex II Compliance

Key to abbreviations:

WEL - Workplace Exposure Limit
 STOT RE - Specific Target Organ Toxicity - Repeat Exposure
 STOT SE - Specific Target Organ Toxicity - Single Exposure
 PBT - Persistent, Bioaccumulative, Toxic
 vPvB - very Persistent, very Bioaccumulative

List of risk and safety phrases in full:

R10 Flammable
 R12 Extremely flammable
 R66 Repeated exposure may cause skin dryness or cracking
 R67 Vapours may cause drowsiness and dizziness

Disclaimer:

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