SAFETY DATA SHEET
600 Black Grad AEROSOL

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

1.1. Product identifier

Product name 600 Black Grad AEROSOL

Product number RF0144C

Internal identification Mobacc

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

1.3. Details of the supplier of the safety data sheet

Supplier

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

Contact person Regulatory Affairs,Contact Email address: info@holtsauto.com

1.4. Emergency telephone number

Emergency telephone UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs Out of office hours Tel: 020 7358 9167

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) Xi;R38. F+;R12. N;R51/53. R67.

2.2. Label elements

Pictogram

Signal word Danger

600 Black Grad AEROSOL

Hazard statements

H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H229 Pressurised container: may burst if heated
H222 Extremely flammable aerosol.

Precautionary statements

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 vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulations.

Contains

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN, Naphtha (petroleum), Light Aromatic

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN **30-60%**

CAS number: 64742-49-0 EC number: 265-151-9

Classification

Flam. Liq. 2 - H225
Skin Irrit. 2 - H315
Asp. Tox. 1 - H304
STOT SE 3 - H336
Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

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BUTANE	**10-30%**
CAS number: 106-97-8	EC number: 203-448-7

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Gas 1 - H220 Press. Gas	F+;R12

ISOBUTANE	**10-30%**
CAS number: 75-28-5	EC number: 200-857-2

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Gas 1 - H220 Press. Gas	F+;R12

XYLENE	**5-10%**
CAS number: 1330-20-7	EC number: 215-535-7

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Acute Tox. 4 - H312 Acute Tox. 4 - H332	R10 Xn;R20/21 Xi;R38

Naphtha (petroleum), Light Aromatic	**1-5%**
CAS number: 64742-95-6	EC number: 265-199-0

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Xn;R65. Xi;R37. N;R51/53. R66,R67,R10.

Polybutyl titanate	**1-5%**
CAS number: 162303-51-7	EC number: 500-687-1

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Xi;R38,R41. R10.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion DO NOT induce vomiting. Get medical attention immediately.

Skin contact 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. 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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards 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 Aerosol cans: Must not be exposed to direct sunlight or 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/m³
Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

ISOBUTANE

Long-term exposure limit (8-hour TWA): OES 800 ppm
Short-term exposure limit (15-minute): OES 800 ppm

XYLENE

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Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m3(Sk)

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Eye/face protection Wear chemical splash goggles.

Hand protection Use protective gloves. 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). EN374

Other skin and body protection Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures Do not smoke in work area. Wash hands 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.

Respiratory protection 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

Appearance Aerosol.

Odour Characteristic.

Upper/lower flammability or explosive limits Lower flammable/explosive limit: 1.1 Upper flammable/explosive limit: 10.9

Relative density ~0.705 @ °C

9.2. Other information

Volatility 85.9%

Volatile organic compound This product contains a maximum VOC content of 605.9 g/litre.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid 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

Hazardous decomposition products Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 13,750.0

Acute toxicity - inhalation

ATE inhalation (gases ppm) 56,250.0

ATE inhalation (vapours mg/l) 137.5

ATE inhalation (dusts/mists mg/l) 18.75

Inhalation Harmful: possible risk of irreversible effects through inhalation.

Ingestion Swallowing concentrated chemical may cause severe internal injury.

Skin contact Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact Irritating to eyes.

Route of entry Inhalation Skin and/or eye contact

SECTION 12: Ecological Information

Ecotoxicity Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Highly Flammable Liquid WGK : 2 (Germany)

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

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UN No. (ICAO)	1950
UN No. (ADN)	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 classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels

14.4. Packing group

ADR/RID packing group	None
IMDG packing group	None
ADN packing group	None
ICAO packing group	None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
VOC Directive - 2004/42/EC
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).
Aerosol Dispensers Directive 2008/47/EC (2008/47/EC)

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 14/09/2015

Revision 8

Supersedes date 13/08/2013

SDS number 14245

Risk phrases in full
R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R20/21 Harmful by inhalation and in contact with skin.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full
H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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.