



SPECIALISED LUBRICANTS & CLEANERS

Herschell - Non silicone anti spatter spray

Safety Data Sheet

SANS 10234:2008 and SANS 11014:2010

Date of issue:17/04/2018

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SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : Herschell - Non silicone anti spatter spray
Type of product : Lubricant,Waterproofing
Product code : 1-700 0316

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

Use of the substance/mixture : Lubricant

1.3. Supplier's details

Manufacturer

Swift Industrial (Pty)Ltd
Molten Street
Delville ext.4
P.O. Box PO Box 23
Germiston 1400 - South Africa
T +27118275935 - F +27118242125
doug@swifts.co.za - www.swifts.co.za

1.4. Emergency telephone number

Emergency number : +27118275935

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Aerosol, Category 1	H222;H2 29	On basis of test data
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402	Calculation method

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects : Harmful to aquatic life,Pressurised container: May burst if heated,Extremely flammable aerosol.

2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS-UN) :



GHS02

Signal word (GHS-UN) : Danger

Hazard statements (GHS-UN) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H402 - Harmful to aquatic life

Precautionary statements (GHS-UN) : 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.
P273 - Avoid release to the environment.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501 - Dispose of contents and container to Do not incinerate closed containers, Do not cut, puncture or weld on or near to the container. Do not incinerate closed containers..

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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Name	Product identifier	%	Classification according to the United Nations GHS
butane (Note C)(Note U)	(CAS-No.) 106-97-8	20 - 50	Pyrophoric Gas Not classified Flammable gases, Category 1, H220
propane (Note U)	(CAS-No.) 74-98-6	20 - 50	Pyrophoric Gas Not classified Flammable gases, Category 1, H220 Hazardous to the aquatic environment — Acute Hazard, Category 3, H402
Rapeseed oil	(CAS-No.) 8002-13-9	20 - 50	Flammable liquids Not classified

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurised container: May burst if heated.
Reactivity : Extremely flammable aerosol. Pressurised container: May burst if heated.

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

butane (106-97-8)		
United Kingdom	Local name	Butane
United Kingdom	WEL TWA (mg/m ³)	1450 mg/m ³
United Kingdom	WEL TWA (ppm)	600 ppm
United Kingdom	WEL STEL (mg/m ³)	1810 mg/m ³
United Kingdom	WEL STEL (ppm)	750 ppm
United Kingdom	Remark (WEL)	Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49–51), (only applies if Butane contains more than 0.1% of buta-1,3-diene)
United Kingdom	WEL chemical category	Capable of causing cancer and/or heritable genetic damage containing >0.1% Buta-1,3-diene

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

- Hand protection : Protective gloves
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Colour : No data available
- Odour : No data available
- Odour threshold : No data available
- pH : No data available
- pH solution : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Relative evaporation rate (ether=1) : No data available
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : No data available
- Flash point : < -17 °C
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Extremely flammable aerosol.
- Vapour pressure : No data available
- Vapour pressure at 50 °C : No data available
- Relative vapour density at 20 °C : No data available

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Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 1800 mm ² /s
Explosive properties	: Pressurised container: May burst if heated.
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

propane (74-98-6)	
LC50 inhalation rat (mg/l)	1442.738 - 1443 mg/l
LC50 inhalation rat (ppm)	> 800000 ppm (Exposure time: 15 min)

butane (106-97-8)	
LC50 inhalation rat (mg/l)	658 g/m ³ (Exposure time: 4 h)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Vaporizer	Aerosol
Viscosity, kinematic	1800 mm ² /s

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	:	Harmful to aquatic life.
Classification procedure (Acute aquatic toxicity)	:	Calculation method
Chronic aquatic toxicity	:	Not classified

propane (74-98-6)

LC50 fish 1	49.9 mg/l
Log Pow	2.3

butane (106-97-8)

Log Pow	2.89
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12.2. Persistence and degradability

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Persistence and degradability	No additional information available
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available
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propane (74-98-6)

Log Pow	See section 12.1 on ecotoxicology
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butane (106-97-8)

Log Pow	See section 12.1 on ecotoxicology
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12.4. Mobility in soil

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Mobility in soil	No additional information available
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propane (74-98-6)

Log Pow	See section 12.1 on ecotoxicology
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butane (106-97-8)

Log Pow	See section 12.1 on ecotoxicology
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12.5. Other adverse effects

Ozone	:	Not classified
Other adverse effects	:	No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

14.1. UN number

UN-No.(UN RTDG)	:	1950
UN-No. (IMDG)	:	1950
UN-No. (IATA)	:	1950

14.2. Proper Shipping Name

Proper Shipping Name (UN RTDG)	:	AEROSOLS
Proper Shipping Name (IMDG)	:	AEROSOLS
Proper Shipping Name (IATA)	:	Aerosols, flammable

14.3. Transport hazard class(es)

UN RTDG

Transport hazard class(es) (UN RTDG)	:	2.1
Danger labels (UN RTDG)	:	2.1

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IMDG

Transport hazard class(es) (IMDG) : 2.1

Danger labels (IMDG) : 2.1



IATA

Transport hazard class(es) (IATA) : 2.1

Hazard labels (IATA) : 2.1



14.4. Packing group

Packing group (UN RTDG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- UN RTDG

Special provisions (UN RTDG) : 63, 190, 277, 327, 344

Limited quantities (UN RTDG) : See SP 277

Excepted quantities (UN RTDG) : E0

Packing instruction (UN RTDG) : P207, LP02

Special packing provisions (UN RTDG) : PP87, L2

- IMDG

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

Packing instructions (IMDG) : P207, LP200

Special packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES

EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

Stowage category (IMDG) : None

- IATA

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Y203

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 203

PCA max net quantity (IATA) : 75kg

CAO packing instructions (IATA) : 203

CAO max net quantity (IATA) : 150kg

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Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health, and environmental national regulations specific for the product

Regulatory reference : SANS 10234:2008; SANS 11014:2010; SANS 10228:2012;SANS 10229:2010; Occupational Health and Safety Act 85 of 1993.

SECTION 16: Other information

Date of issue : 17/04/2018

Full text of H-statements:

H402	Harmful to aquatic life
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SDS UN

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