



Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

G150, Hot Rims Brake Dust Blocker (23-73A):G15009

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

Identified uses

Automotive.

1.3. Details of the supplier of the substance or mixture

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Indication of danger

Extremely flammable; F+; R12

Irritant; Xi; R36

R66

R67

Dangerous for the environment; R52/53

For full text of R phrases, see Section 16.

2.2. Label elements

G150, Hot Rims Brake Dust Blocker (23-73A):G15009**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive****Symbols**

F+ Extremely flammable.
Xi Irritant.

Contains:

No ingredients are assigned to the label.

Risk phrases

R12 Extremely flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
R52/53 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety phrases

S16 Keep away from sources of ignition - No Smoking.
S23C Do not breathe vapour or spray.
S51 Use only in well ventilated areas.
S24 Avoid contact with skin.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
S2 Keep out of the reach of children.

Special provisions concerning the labelling of certain substances

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Notes on labelling

Nota P applied to CASRN 64742-89-8 and 64742-48-9.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Butane	106-97-8	EINECS 203-448-7	10 - 30	F+:R12 - Nota C (EU) Flam. Gas 1, H220; Liquified gas, H280 - Nota C,U (CLP)
Acetone	67-64-1	EINECS 200-662-2	10 - 30	F:R11; Xi:R36; R66; R67 (EU) Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336; EUH066 (CLP)
Hexamethyldisiloxane	107-46-0	EINECS 203-492-7	10 - 30	F:R11; N:R51/53 (Self Classified) Flam. Liq. 2, H225 (Self Classified)

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Propane	74-98-6	EINECS 200-827-9	10 - 30	F+:R12 (EU) Flam. Gas 1, H220; Liquefied gas, H280 - Nota U (CLP)
1-propoxypropan-2-ol	1569-01-3	EINECS 216-372-4	7 - 13	Xi:R36; R10; R66; R67 (Self Classified) Flam. Liq. 3, H226; Eye Irrit. 2, H319; STOT SE 3, H336; EUH066 (Self Classified)
Acrylic polymers	Trade Secret		1 - 5	
Propan-2-ol	67-63-0	EINECS 200-661-7	1 - 5	F:R11; Xi:R36; R67 (EU) Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 (CLP)
Solvent naphtha (petroleum), light aliphatic	64742-89-8	EINECS 265-192-2	1 - 5	Xn:R65 - Nota 4,P (EU) F+:R12; R67 (Self Classified) Asp. Tox. 1, H304 - Nota P (CLP) Flam. Liq. 1, H224; STOT SE 3, H336 (Self Classified)
2-Methoxy-1-methylethyl acetate	108-65-6	EINECS 203-603-9	1 - 5	R10 (EU) Flam. Liq. 3, H226 (CLP)
2-Propoxy-1-Propanol	10215-30-2		0.5 - 1.5	

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Eye contact**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Inhalation

Remove person to fresh air. Get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects

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

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids and solids such as dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Hydrocarbons.	During combustion.
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Eliminate all ignition sources if safe to do so. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not use in a confined area or areas with little or no air movement. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limits**

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Butane	106-97-8	Health and Safety Comm. (UK)	TWA:1450 mg/m ³ (600 ppm);STEL:1810 mg/m ³ (750 ppm)	
2-Methoxy-1-methylethyl acetate	108-65-6	Health and Safety Comm. (UK)	TWA:274 mg/m ³ (50 ppm);STEL:548 mg/m ³ (100 ppm)	Skin Notation
Propan-2-ol	67-63-0	Health and Safety Comm. (UK)	TWA:999 mg/m ³ (400 ppm);STEL:1250 mg/m ³ (500 ppm)	
Acetone	67-64-1	Health and Safety Comm. (UK)	TWA:1210 mg/m ³ (500 ppm);STEL:3620 mg/m ³ (1500 ppm)	
Propane	74-98-6	Health and Safety Comm. (UK)	Limit value not established:	asphyxiant

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2. Exposure controls**8.2.1. Engineering controls**

Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)**Eye/face protection**

Wear eye/face protection.

The following eye protection(s) are recommended: Indirect vented goggles.

Skin/hand protection

Wear protective gloves.

Gloves made from the following material(s) are recommended: Nitrile rubber.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Liquid.
Specific Physical Form:	Aerosol
Appearance/Odour	Sweet solvent odour; clear
pH	<i>No data available.</i>
Boiling point/boiling range	<i>No data available.</i>
Melting point	<i>No data available.</i>
Flammability (solid, gas)	Flammable Aerosol: Category 1.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	≥ -104.4 °C [<i>Details</i> :flashpoint of the propellant]
Autoignition temperature	<i>No data available.</i>
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Vapour pressure	<i>No data available.</i>
Relative density	0.812 [<i>Ref Std</i> :WATER=1]
Water solubility	Slight (less than 10%)
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Viscosity	<i>No data available.</i>
Density	0.812 g/ml

9.2. Other information

Volatile organic compounds (VOC)	59.62 %
VOC less H₂O & exempt solvents	810.68 g/l

SECTION 10: Stability and reactivity**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Sparks and/or flames.
Heat.

10.5 Incompatible materials

Strong acids.
Strong oxidising agents.

10.6 Hazardous decomposition products

Substance

Condition

None known.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Skin contact

Prolonged or repeated exposure may cause:

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause target organ effects after ingestion.

Target Organ Effects:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Single exposure, above recommended guidelines, may cause:

Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Toxicological Data

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg

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Propane	Inhalation-Gas (4 hours)	Rat	LC50 > 200,000 ppm
Acetone	Dermal	Rabbit	LD50 > 15,688 mg/kg
Acetone	Inhalation-Vapor (4 hours)	Rat	LC50 76 mg/l
Acetone	Ingestion	Rat	LD50 5,800 mg/kg
Butane	Inhalation-Gas (4 hours)	Rat	LC50 277,000 ppm
Hexamethyldisiloxane	Dermal	Rabbit	LD50 > 2,000 mg/kg
Hexamethyldisiloxane	Inhalation-Vapor (4 hours)	Rat	LC50 > 24 mg/l
Hexamethyldisiloxane	Ingestion	Rat	LD50 > 5,000 mg/kg
1-propoxypropan-2-ol	Dermal	Rabbit	LD50 2,805 mg/kg
1-propoxypropan-2-ol	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 11.8 mg/l
1-propoxypropan-2-ol	Ingestion	Rat	LD50 2,500 mg/kg
Propan-2-ol	Dermal	Rabbit	LD50 12,870 mg/kg
Propan-2-ol	Inhalation-Vapor (4 hours)	Rat	LC50 73 mg/l
Propan-2-ol	Ingestion	Rat	LD50 4,710 mg/kg
2-Methoxy-1-methylethyl acetate	Dermal		LD50 > 5,000 mg/kg
2-Methoxy-1-methylethyl acetate	Ingestion		LD50 8,532 mg/kg
2-Methoxy-1-methylethyl acetate	Inhalation-Vapor (4 hours)	Rat	LC50 > 28.8 mg/l
Solvent naphtha (petroleum), light aliphatic	Dermal	Rabbit	LD50 3,000 mg/kg
Solvent naphtha (petroleum), light aliphatic	Inhalation-Vapor (4 hours)	Rat	LC50 > 5.2 mg/l
Solvent naphtha (petroleum), light aliphatic	Ingestion	Rat	LD50 > 5,000 mg/kg
2-Propoxy-1-Propanol			No data available

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Propane		Minimal irritation
Acetone		Minimal irritation
Butane		No significant irritation
Hexamethyldisiloxane		No significant irritation
1-propoxypropan-2-ol		Minimal irritation
Propan-2-ol		No significant irritation
2-Methoxy-1-methylethyl acetate		No significant irritation
Solvent naphtha (petroleum), light aliphatic		Minimal irritation
2-Propoxy-1-Propanol		No data available

Serious Eye Damage/Irritation

Name	Species	Value
Propane		Mild irritant
Acetone		Severe irritant
Butane		No significant irritation
Hexamethyldisiloxane		Mild irritant
1-propoxypropan-2-ol		Severe irritant
Propan-2-ol		Moderate irritant
2-Methoxy-1-methylethyl acetate		Moderate irritant
Solvent naphtha (petroleum), light aliphatic		No significant irritation
2-Propoxy-1-Propanol		No data available

Skin Sensitisation

Name	Species	Value
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Propane		No data available
Acetone		No data available
Butane		No data available
Hexamethyldisiloxane		Not sensitizing
1-propoxypropan-2-ol		No data available
Propan-2-ol		Not sensitizing
2-Methoxy-1-methylethyl acetate		Not sensitizing
Solvent naphtha (petroleum), light aliphatic		No data available
2-Propoxy-1-Propanol		No data available

Respiratory Sensitisation

Name	Species	Value
Propane		No data available
Acetone		No data available
Butane		No data available
Hexamethyldisiloxane		No data available
1-propoxypropan-2-ol		No data available
Propan-2-ol		No data available
2-Methoxy-1-methylethyl acetate		No data available
Solvent naphtha (petroleum), light aliphatic		No data available
2-Propoxy-1-Propanol		No data available

Germ Cell Mutagenicity

Name	Route	Value
Propane	In Vitro	Not mutagenic
Acetone	In vivo	Some positive data exist, but the data are not sufficient for classification
Butane	In Vitro	Not mutagenic
Hexamethyldisiloxane	In vivo	Not mutagenic
1-propoxypropan-2-ol	In Vitro	Not mutagenic
Propan-2-ol	In vivo	Not mutagenic
2-Methoxy-1-methylethyl acetate	In Vitro	Not mutagenic
Solvent naphtha (petroleum), light aliphatic	In Vitro	Not mutagenic
2-Propoxy-1-Propanol		No data available

Carcinogenicity

Name	Route	Species	Value
Propane			No data available
Acetone	Not specified.		Not carcinogenic
Butane			No data available
Hexamethyldisiloxane	Inhalation		Some positive data exist, but the data are not sufficient for classification
1-propoxypropan-2-ol			No data available
Propan-2-ol	Not specified.		Some positive data exist, but the data are not sufficient for classification
2-Methoxy-1-methylethyl acetate			No data available
Solvent naphtha (petroleum), light aliphatic	Dermal		Some positive data exist, but the data are not sufficient for classification
2-Propoxy-1-Propanol			No data available

Reproductive Toxicity**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Propane		No data available			
Acetone	Ingestion	Some positive reproductive/developmental data exist, but the data are not		NOEL 1,700 mg/kg/day	

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		sufficient for classification			
Acetone	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 5.2 mg/l	
Butane		No data available			
Hexamethyldisiloxane	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 1,500 ppm	
1-propoxypropan-2-ol	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 3.6 mg/l	
Propan-2-ol	Ingestion	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 400 mg/kg/day	
Propan-2-ol	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		LOEL 9,001 mg/m ³	
2-Methoxy-1-methylethyl acetate	Ingestion	Not toxic to reproduction and/or development		NOAEL 1,000 mg/kg/day	
2-Methoxy-1-methylethyl acetate	Inhalation	Not toxic to reproduction and/or development		NOAEL 21.6 mg/l	
Solvent naphtha (petroleum), light aliphatic		No data available			
2-Propoxy-1-Propanol		No data available			

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Propane	Inhalation	cardiac sensitization	Causes damage to organs		LOAEL 100,000 ppm	
Propane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Propane	Inhalation	respiratory irritation	All data are negative		Irritation Negative	
Acetone	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 0.6 mg/l	
Acetone	Inhalation	respiratory	Some positive		Irritation	

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		irritation	data exist, but the data are not sufficient for classification		Positive	
Acetone	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification		LOEL 24 mg/l	
Acetone	Inhalation	hematopoietic system immune system	Some positive data exist, but the data are not sufficient for classification		NOEL 0.6 mg/l	
Acetone	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Butane	Inhalation	cardiac sensitization	Causes damage to organs		NOAEL N/A	
Butane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 10,000 ppm	
Butane	Inhalation	heart	Some positive data exist, but the data are not sufficient for classification		LOEL 5,000 ppm	
Butane	Inhalation	respiratory irritation	All data are negative		Irritation Negative	
Hexamethyldi siloxane	Dermal	central nervous system depression	Some positive data exist, but the data are not sufficient for classification		LOEL 12,220 mg/kg	
Hexamethyldi siloxane	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Equivocal	
Hexamethyldi siloxane	Inhalation	central nervous system depression	Some positive data exist, but the data are not sufficient for classification		LOAEL 15,956 ppm	
Hexamethyldi siloxane	Ingestion	central nervous system depression	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A	
1-propoxypropan-2-ol	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 10.8 mg/l	
1-propoxypropan-2-ol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive	
1-propoxypropan-2-ol	Ingestion	central nervous system depression	May cause drowsiness or dizziness		LOAEL 1,770 mg/kg	
Propan-2-ol	Inhalation	central nervous	May cause		NOAEL N/A	

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		system depression	drowsiness or dizziness			
Propan-2-ol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		RD50 5,000 ppm	
Propan-2-ol	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
2-Methoxy-1-methylethyl acetate			No data available			
Solvent naphtha (petroleum), light aliphatic	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Solvent naphtha (petroleum), light aliphatic	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive	
2-Propoxy-1-Propanol			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Propane			No data available			
Acetone	Dermal	eyes	Some positive data exist, but the data are not sufficient for classification		NOEL N/A	
Acetone	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 119 mg/l	
Acetone	Inhalation	hematopoietic system immune system	Some positive data exist, but the data are not sufficient for classification		NOEL 0.6 mg/l	
Acetone	Inhalation	liver	All data are negative		NOAEL 45 mg/l	
Acetone	Inhalation	heart	All data are negative		NOAEL 19,000 ppm	
Acetone	Ingestion	respiratory system	Some positive data exist, but the data are not sufficient for classification		NOEL N/A	
Acetone	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL 900 mg/kg/day	
Acetone	Ingestion	heart	Some positive data exist, but the data are not		LOEL 2,500 mg/kg/day	

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			sufficient for classification			
Acetone	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		NOEL 200 mg/kg/day	
Acetone	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1,579 mg/kg/day	
Acetone	Ingestion	muscles	All data are negative		NOAEL 2,500 mg/kg	
Acetone	Ingestion	skin eyes	All data are negative		NOAEL 11,298 mg/kg/day	
Acetone	Ingestion	bone, teeth, nails, and/or hair	All data are negative		NOAEL 11,298 mg/kg	
Butane	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOEL 1,017 ppm	
Butane	Inhalation	blood	All data are negative		NOAEL 4,489 ppm	
Hexamethyldi siloxane	Dermal	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL 500 mg/kg/day	
Hexamethyldi siloxane	Inhalation	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		NOEL 50 ppm	
Hexamethyldi siloxane	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification		LOEL 4,400 ppm	
Hexamethyldi siloxane	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL 200 ppm	
Hexamethyldi siloxane	Inhalation	heart endocrine system immune system nervous system respiratory system	All data are negative		NOEL 5,000 ppm	
1-propoxypropan-2-ol	Inhalation	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOEL 2.4 mg/l	
Propan-2-ol	Inhalation	auditory system	Some positive data exist, but the data are not sufficient for		LOEL 969 mg/m3	

G150, Hot Rims Brake Dust Blocker (23-73A):G15009

			classification			
Propan-2-ol	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL 1.2 mg/l	
Propan-2-ol	Inhalation	nervous system	All data are negative		NOEL 12 mg/l	
Propan-2-ol	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL N/A	
2-Methoxy-1-methylethyl acetate	Inhalation	olfactory system	Some positive data exist, but the data are not sufficient for classification		LOEL 1.62 mg/l	
2-Methoxy-1-methylethyl acetate	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL 1.62 mg/l	
2-Methoxy-1-methylethyl acetate	Inhalation	blood	All data are negative		NOAEL 16.2 mg/l	
2-Methoxy-1-methylethyl acetate	Ingestion	endocrine system	Some positive data exist, but the data are not sufficient for classification		LOEL 1,000 mg/kg/day	
Solvent naphtha (petroleum), light aliphatic	Dermal	skin	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A	
Solvent naphtha (petroleum), light aliphatic	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL 5.13 mg/l	
2-Propoxy-1-Propanol			No data available			

Aspiration Hazard

Name	Value
Propane	Not an aspiration hazard
Acetone	Not an aspiration hazard
Butane	Not an aspiration hazard
Hexamethyldisiloxane	Not an aspiration hazard
1-propoxypropan-2-ol	Not an aspiration hazard
Propan-2-ol	Not an aspiration hazard
2-Methoxy-1-methylethyl acetate	Not an aspiration hazard
Solvent naphtha (petroleum), light aliphatic	Aspiration hazard
2-Propoxy-1-Propanol	Not an aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

16 05 04* Gases in pressure containers (including halons) containing dangerous substances

EU waste code (product container after use)

15 01 04 Metallic packaging

SECTION 14: Transportation information

ADR: UN1950 Aerosols, 2.1, 5F, (D)
IMDG: UN1950 Aerosols, 2.1, EmS: F-D,S-U
IATA: UN1950 Aerosols, 2.1

SECTION 15: Regulatory information

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

Global inventory status

Contact manufacturer for more information

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

List of relevant R-phrases

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating 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.

Revision information:

Revision Changes:

Risk phrase was modified.

Safety phrase was modified.

Section 8: Respiratory protection - recommended respirators was modified.

Section 3: Composition/ Information of ingredients table was modified.

Section 2: Indication of danger information was modified.

Section 2: Label remarks was modified.

Section 5: Fire - Extinguishing media information was modified.

Section 6: Accidental release personal information was modified.

Section 6: Accidental release clean-up information was modified.

Section 7: Conditions safe storage was modified.

Section 13: Standard Phrase Category Waste GHS was modified.
Section 8: Respiratory protection - recommended respirators guide was added.
Section 2: R phrase reference was added.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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