



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

D111, Shampoo Plus (DX-59B): D11101, D11105, D11155

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

This product is not classified as hazardous according to EU Directive 1999/45/EC.

2.2. Label elements

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

Symbols None.

Contains:

D111, Shampoo Plus (DX-59B): D11101, D11105, D11155

No ingredients are assigned to the label.

Risk phrases None.

Safety phrases None.

Notes on labelling

Updated per Regulation (EC) 648/2004 on detergents.

Ingredients required per 648/2004: 5-15%: Anionic surfactants. Contains: Perfumes, amyl cinnamal, methylchloroisothiazolinone, methylisothiazolinone.

Based on the results of toxicity testing, following specific concentration limits are applied for CAS# 68439-57-6:

Xi; R41 if $c \geq 40\%$

Xi; R36 if $20\% \geq c < 40\%$

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-hazardous ingredients	Mixture		70 - 90	
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	EINECS 270-407-8	5 - 10	Xn:R22; Xi:R41 (Self Classified) Acute Tox. 4, H302; Eye Dam. 1, H318 (Self Classified)
Alkanolamide	Trade Secret		1 - 5	
Anionic surfactant	Trade Secret		1 - 5	
Sodium Chloride	7647-14-5	EINECS 231-598-3	1 - 5	
Diethyl Phthalate	84-66-2	EINECS 201-550-6	< 0.11	R52 (Self Classified)
2,4-Dihydroxybenzophenone	131-56-6	EINECS 205-029-4	< 0.11	N:R50/53 (Self Classified) Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)

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**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Inhalation

D111, Shampoo Plus (DX-59B): D11101, D11105, D11155

Remove person to fresh air. If you are concerned, get medical advice.

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

Not applicable

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Material will not burn.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide.

Carbon dioxide.

Irritant vapours or gases.

Condition

During combustion.

During combustion.

During combustion.

5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. 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. Seal the container.

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

Avoid eye contact. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing 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. Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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
Diethyl Phthalate	84-66-2	Health and Safety Comm. (UK)	TWA:5 mg/m ³ ;STEL:10 mg/m ³	

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

CELL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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

The following eye protection(s) are recommended: Safety glasses with side shields.

Skin/hand protection

Wear protective gloves.

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

Nitrile rubber.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Appearance/Odour	Sweet odour; Blue, pourable gel
pH	8.6 - 9.5
Boiling point/boiling range	100 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified

Flash point	<i>Not applicable.</i>
Autoignition temperature	<i>Not applicable.</i>
Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Vapour pressure	<i>No data available.</i>
Relative density	1.00 [<i>Ref Std:WATER=1</i>]
Water solubility	Complete
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Viscosity	0.45 - 0.8 Pa-s
Density	1 kg/cm ³

9.2. Other information

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

Temperatures above the boiling point.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance

None known.

Condition

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:

D111, Shampoo Plus (DX-59B): D11101, D11105, D11155**Eye contact**

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Skin contact

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

Inhalation

No health effects are expected.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Ingestion	Rat	LD50 578 mg/kg
Sodium Chloride			No data available
2,4-Dihydroxybenzophenone			No data available
Diethyl Phthalate			No data available

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Rabbit	Mild irritant
Sodium Chloride		No data available
2,4-Dihydroxybenzophenone		No data available
Diethyl Phthalate		No data available

Serious Eye Damage/Irritation

Name	Species	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Rabbit	Corrosive
Sodium Chloride		No data available
2,4-Dihydroxybenzophenone		No data available
Diethyl Phthalate		No data available

Skin Sensitisation

Name	Species	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available
Sodium Chloride		No data available
2,4-Dihydroxybenzophenone		No data available
Diethyl Phthalate		No data available

Respiratory Sensitisation

Name	Species	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-		No data available

D111, Shampoo Plus (DX-59B): D11101, D11105, D11155

16-alkene, sodium salts		
Sodium Chloride		No data available
2,4-Dihydroxybenzophenone		No data available
Diethyl Phthalate		No data available

Germ Cell Mutagenicity

Name	Route	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available
Sodium Chloride		No data available
2,4-Dihydroxybenzophenone		No data available
Diethyl Phthalate		No data available

Carcinogenicity

Name	Route	Species	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts			No data available
Sodium Chloride			No data available
2,4-Dihydroxybenzophenone			No data available
Diethyl Phthalate			No data available

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

Name	Route	Value	Species	Test result	Exposure Duration
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		No data available			
Sodium Chloride		No data available			
2,4-Dihydroxybenzophenone		No data available			
Diethyl Phthalate		No data available			

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts			No data available			
Sodium Chloride			No data available			
2,4-Dihydroxybenzophenone			No data available			
Diethyl Phthalate			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
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D111, Shampoo Plus (DX-59B): D11101, D11105, D11155

Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts			No data available			
Sodium Chloride			No data available			
2,4-Dihydroxybenzophenone			No data available			
Diethyl Phthalate			No data available			

Aspiration Hazard

Name	Value
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not an aspiration hazard
Sodium Chloride	Not an aspiration hazard
2,4-Dihydroxybenzophenone	Not an aspiration hazard
Diethyl Phthalate	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.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

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. Incinerate in a permitted waste incineration facility. Dispose of waste product in a permitted industrial waste facility. Proper destruction may require the use of additional fuel during incineration processes.

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)

20 01 30 Detergents other than those mentioned in 20 01 29.

SECTION 14: Transportation information

ADR: Not restricted for transport.

IMDG: Not restricted for transport.

IATA: Not restricted for transport.

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 The components of this product are in compliance with the chemical notification requirements of TSCA.

List of ingredients according to Annex VII D of the regulation on detergents 648/2004/EC

The following ingredient information is provided per Regulation EC No. 648/2004 on Detergents:

Aqua
Sodium C14-16 olefin sulfonate
Alkanolamide
Anionic surfactant
Sodium chloride
Sodium sulfate
Perfumes
Benzophenone-1
Tetrasodium EDTA
Formaldehyde
Magnesium nitrate

Polyethylene glycol
Diethanolamine
Sodium glycolate
Sodium hydroxide
Trisodium NTA
Colorant
Methylchloroisothiazolinone
Magnesium chloride
Methylisothiazolinone
Citric acid
Potassium sorbate
Sodium benzoate

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R52	Harmful to aquatic organisms.

Revision information:

Revision Changes:

Section 16: List of relevant R phrase information was modified.

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

Aspiration Hazard Table was modified.

Section 11: Acute Toxicity table was modified.

Carcinogenicity Table was modified.

Serious Eye Damage/Irritation Table was modified.

Germ Cell Mutagenicity Table was modified.

Skin Sensitisation Table was modified.

Respiratory Sensitisation Table was modified.

Reproductive Toxicity Table was modified.

Skin Corrosion/Irritation Table was modified.

Target Organs - Repeated Table was modified.

Target Organs - Single Table was modified.

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

Section 13: Standard Phrase Category Waste GHS was modified.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. was modified.

Section 11: UN GHS Classification table heading was deleted.

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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