



## 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

M23, Professional Odour Eliminator (20-137A): M2301

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

##### Identified uses

Odour neutralizing agent

#### 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:**

**M23, Professional Odour Eliminator (20-137A): M2301**

No ingredients are assigned to the label.

**Risk phrases** None.

**Safety phrases** None.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-Hazardous Ingredient	Mixture		80 - 100	
Odour-eliminating agent	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)
Formaldehyde	50-00-0	EINECS 200-001-8	<= 0.00225	Carc.Cat.3:R40; T:R23-24-25; C:R34; R43 - Nota B,D (EU) Acute Tox. 2, H330; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Carc. 2, H351; STOT SE 3, H335 - Nota B,D (CLP)

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**

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

**Inhalation**

Remove person to fresh air. If you feel unwell, 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**

Not applicable

## 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>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Irritant vapours or gases.	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

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.

### 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. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. 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

For industrial or professional use only. Avoid breathing dust/fume/gas/mist/vapours/spray. 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 away from heat. 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
Formaldehyde	50-00-0	Health and Safety Comm. (UK)	TWA:2.5 mg/m <sup>3</sup> (2 ppm);STEL:2.5 mg/m <sup>3</sup> (2 ppm)	
Propan-2-ol	67-63-0	Health and Safety Comm. (UK)	TWA:999 mg/m <sup>3</sup> (400 ppm);STEL:1250 mg/m <sup>3</sup> (500 ppm)	

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

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic metre

CEIL: 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

None required.

#### Respiratory protection

Wear respiratory protection if ventilation is inadequate to prevent overexposure.

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 and particulates

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.
Appearance/Odour	Clean and fresh odour; Clear, water-thin liquid
pH	9 - 9.9
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	≥ 93.3 °C [ <i>Test Method:</i> Closed Cup] [ <i>Details:</i> ASTM D56]
Autoignition temperature	<i>No data available.</i>

## M23, Professional Odour Eliminator (20-137A): M2301

Flammable Limits(LEL)	No data available.
Flammable Limits(UEL)	No data available.
Vapour pressure	No data available.
Relative density	0.922 - 1.05 [Ref Std:WATER=1]
Water solubility	Complete
Partition coefficient: n-octanol/water	No data available.
Evaporation rate	No data available.
Vapour density	No data available.
Viscosity	No data available.
Density	0.922 - 1.05 g/cm <sup>3</sup> [Details:±]

### 9.2. Other information

Volatile organic compounds (VOC)	5.15 % weight
VOC less H <sub>2</sub> O & exempt solvents	462.29 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

Heat.

### 10.5 Incompatible materials

Strong oxidising agents.

Strong acids.

Strong bases.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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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

**M23, Professional Odour Eliminator (20-137A): M2301**

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

**Eye contact**

Contact with the eyes during product use is not expected to result in significant irritation.

**Skin contact**

Contact with the skin during product use is not expected to result in significant irritation.

**Inhalation**

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Ingestion**

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

**Toxicological Data****Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 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
Formaldehyde	Dermal	Rabbit	LD50 270 mg/kg
Formaldehyde	Inhalation-Gas (4 hours)	Rat	LC50 470 ppm
Formaldehyde	Ingestion	Rat	LD50 800 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Propan-2-ol	Multiple animal species	No significant irritation
Formaldehyde		Corrosive

**Serious Eye Damage/Irritation**

Name	Species	Value
Propan-2-ol		Moderate irritant
Formaldehyde		Corrosive

**Skin Sensitisation**

Name	Species	Value
Propan-2-ol	Guinea pig	Not sensitizing
Formaldehyde		Sensitising

**Respiratory Sensitisation**

Name	Species	Value
Propan-2-ol		No data available
Formaldehyde		Some positive data exist, but the data are not sufficient for classification

**Germ Cell Mutagenicity**

Name	Route	Value
Propan-2-ol	In Vitro	Not mutagenic
Propan-2-ol	In vivo	Not mutagenic
Formaldehyde	In vivo	Mutagenic

**M23, Professional Odour Eliminator (20-137A): M2301**

**Carcinogenicity**

Name	Route	Species	Value
Propan-2-ol	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
Formaldehyde	Not specified.		Carcinogenic.

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Propan-2-ol	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 400 mg/kg/day	during organogenesis
Propan-2-ol	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	LOAEL 9 mg/l	during gestation
Formaldehyde	Ingestion	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 100 mg/kg	
Formaldehyde	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 10 ppm	

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Propan-2-ol	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
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	Inhalation	auditory system	Some positive data exist, but the data are not sufficient for classification	Guinea pig	NOAEL 13.4 mg/l	24 hours
Propan-2-ol	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Formaldehyde	Inhalation	respiratory system	Causes damage to organs		LOAEL 128 ppm	
Formaldehyde	Inhalation	respiratory irritation	Some positive data exist, but the data are not		Irritation Positive	

**M23, Professional Odour Eliminator (20-137A): M2301**

			sufficient for classification			
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**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Propan-2-ol	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 12.3 mg/l	24 months
Propan-2-ol	Inhalation	nervous system	All data are negative	Rat	NOAEL 12 mg/l	13 weeks
Propan-2-ol	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 400 mg/kg/day	12 weeks
Formaldehyde	Dermal	respiratory system	Some positive data exist, but the data are not sufficient for classification		NOEL N/A	
Formaldehyde	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure		NOAEL 0.3 ppm	
Formaldehyde	Inhalation	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		LOEL 15 ppm	
Formaldehyde	Inhalation	liver   nervous system	Some positive data exist, but the data are not sufficient for classification		NOEL 10 ppm	
Formaldehyde	Inhalation	endocrine system   immune system   muscles   kidney and/or bladder	All data are negative		NOAEL 15 ppm	
Formaldehyde	Inhalation	heart   vascular system	All data are negative		NOAEL 14.3 ppm	
Formaldehyde	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 82 mg/kg/day	
Formaldehyde	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 50 mg/kg/day	
Formaldehyde	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification		NOEL 21 mg/kg/day	
Formaldehyde	Ingestion	immune system	Some positive		NOEL 20	



**M23, Professional Odour Eliminator (20-137A): M2301**

			data exist, but the data are not sufficient for classification		mg/kg/day	
Formaldehyde	Ingestion	heart   endocrine system   hematopoietic system   respiratory system   vascular system	All data are negative		NOAEL 300 mg/kg/day	
Formaldehyde	Ingestion	skin   muscles   eyes	All data are negative		NOAEL 109 mg/kg/day	
Formaldehyde	Ocular	eyes	All data are negative		NOAEL 14.3 ppm	

**Aspiration Hazard**

Name	Value
Propan-2-ol	Not an aspiration hazard
Formaldehyde	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**

## M23, Professional Odour Eliminator (20-137A): M2301

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

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, incinerate in a permitted waste incineration facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

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

#### Carcinogenicity

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
Formaldehyde	50-00-0	Carc. 2	Regulation (EC) No. 1272/2008, Table 3.1
Formaldehyde	50-00-0	Carc.Cat.3	Regulation (EC) No. 1272/2008, Table 3.2
Formaldehyde	50-00-0	Grp. 1: Carcinogenic to humans	International Agency for Research on Cancer

#### Global inventory status

Contact manufacturer for more information The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.

**List of relevant R-phrases**

R11	Highly flammable.
R23	Toxic by inhalation.
R24	Toxic in contact with skin.
R25	Toxic if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R67	Vapours may cause drowsiness and dizziness.

**Revision information:**

Revision Changes:

Section 8: Respiratory protection - recommended respirators information was modified.

Section 8: Respiratory protection - recommended respirators was modified.

Section 9: pH information was modified.

Section 9: Evaporation Rate information was modified.

Section 9: Viscosity information was modified.

Section 15: Carcinogenicity information was modified.

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

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

Section 9: n-octanol/water coefficient information was modified.

Section 9: Boiling point information was modified.

Section 9: Relative density information was modified.

Section 9: Solubility in water text was modified.

Section 13: EU waste code (product as sold) information was modified.

Section 16: Regulations - Inventories - EU ONLY was modified.

Copyright was modified.

Section 9: Flash point information was modified.

Section 9: Melting point information was modified.

Section 9: Flammable limits (LEL) information was modified.

Section 9: Flammable limits (UEL) information was modified.

Section 9: Vapour density value was modified.

Section 9: Vapour pressure value was modified.

Section 9: Density information was modified.

Section 9: Property description for optional properties was modified.

Section 8: Occupational exposure limit table was modified.

Section 8: mg/m<sup>3</sup> key 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 11: Health Effects - Skin information was modified.  
Section 5: Hazardous combustion products table 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: Precautions safe handling information was modified.  
Section 7: Conditions safe storage was modified.  
Section 10: Hazardous decomposition or by-products table 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 8: Respiratory protection - recommended respirators guide was added.  
Section 8: Skin/hand protection information was added.  
Section 12: Acute aquatic hazard information was added.  
Section 12: Chronic aquatic hazard heading was added.  
Section 12: Acute aquatic hazard heading was added.  
Section 12: Chronic aquatic hazard information was added.  
Section 8: Personal Protection - Respiratory Information was added.  
Section 9: Autoignition temperature information was added.  
Section 11: UN GHS Classification table heading was deleted.  
Section 8: Personal Protection - Skin/hand information 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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