



Safety Data Sheet

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Document group:	26-8067-6	Version number:	3.02
Revision date:	20/04/2012	Supersedes date:	21/11/2011
Transportation version number:	1.00 (28/09/2010)		

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

A30, Deep Crystal® System Paint Cleaner (21-109A): A3016

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

2.2. Label elements

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

Symbols None.

Contains:

No ingredients are assigned to the label.

A30, Deep Crystal® System Paint Cleaner (21-109A): A3016**Risk phrases**

R66 Repeated exposure may cause skin dryness or cracking.

Safety phrases

S2 Keep out of the reach of children.

Notes on labelling

R65 is not required on the label due to the product's viscosity.

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

Ingredients required per 648/2004: 15-30%: Aliphatic hydrocarbons; <5%: Non-ionic surfactant. Contains:

Methylchlorisothiazolinone, methylisothiazolinone.

Nota N applied to CASRN 64742-46-7.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-hazardous ingredients	Mixture		50 - 70	
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	EINECS 265-191-7	10 - 30	Xn:R65 - Nota 4 (EU) R10; R66; R67 (Self Classified) Asp. Tox. 1, H304 (CLP) Flam. Liq. 3, H226; STOT SE 3, H336; EUH066 (Self Classified)
Distillates (petroleum), hydrotreated middle	64742-46-7	EINECS 265-148-2	7 - 13	Nota N (EU) Xn:R20-65; R66 (Self Classified) Nota N (CLP) Acute Tox. 4, H332; Asp. Tox. 1, H304; STOT SE 3, H336; EUH066 (Self Classified)
Glycerin	56-81-5	EINECS 200-289-5	3 - 7	
Processed oil	Trade Secret		1 - 5	
Conditioners	Trade Secret		< 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**

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 or gases 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

Substance

Hydrocarbons.
Carbon monoxide.
Carbon dioxide.
Irritant vapours or gases.

Condition

During combustion.
During combustion.
During combustion.
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. Seal the container. Dispose of collected material as soon as possible. Clean up residue with detergent and water.

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

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Vapours may travel long distances along the ground or floor to an ignition source and flash back. Keep out of reach of children. 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. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from oxidising agents. Store in a well-ventilated place. Keep container tightly closed.

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
Glycerin	56-81-5	Health and Safety Comm. (UK)	TWA(as mist):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

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

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

Respiratory protection

Wear respiratory protection if ventilation is inadequate to prevent overexposure.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Appearance/Odour	Pleasant, sweet odour; White, viscous lotion
pH	6.5 - 7.2
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> Pensky-Martens Closed Cup] [<i>Details:</i> D93-90]
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	0.96 [<i>Ref Std:</i> WATER=1]
Water solubility	Moderate
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	5 - 8 Pa-s
Density	0.96 g/cm ³

9.2. Other information

Volatile organic compounds (VOC)	14.90 % weight
VOC less H₂O & exempt solvents	541.91 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.

Heavy metal salts, Glass, Iron

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:

Eye contact

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

Skin contact

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

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.

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.

Toxicological Data

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
Solvent naphtha (petroleum), medium aliphatic			No data available
Distillates (petroleum), hydrotreated middle			No data available
Glycerin			No data available
Processed oil			No data available
Conditioners			No data available

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Solvent naphtha (petroleum), medium aliphatic		No data available
Distillates (petroleum), hydrotreated middle		No data available
Glycerin		No data available
Processed oil		No data available
Conditioners		No data available

Serious Eye Damage/Irritation

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Name	Species	Value
Solvent naphtha (petroleum), medium aliphatic		Mild irritant
Distillates (petroleum), hydrotreated middle		No data available
Glycerin		No data available
Processed oil		No data available
Conditioners		No data available

Skin Sensitisation

Name	Species	Value
Solvent naphtha (petroleum), medium aliphatic		No data available
Distillates (petroleum), hydrotreated middle		No data available
Glycerin		No data available
Processed oil		No data available
Conditioners		No data available

Respiratory Sensitisation

Name	Species	Value
Solvent naphtha (petroleum), medium aliphatic		No data available
Distillates (petroleum), hydrotreated middle		No data available
Glycerin		No data available
Processed oil		No data available
Conditioners		No data available

Germ Cell Mutagenicity

Name	Route	Value
Solvent naphtha (petroleum), medium aliphatic		No data available
Distillates (petroleum), hydrotreated middle		No data available
Glycerin		No data available
Processed oil		No data available
Conditioners		No data available

Carcinogenicity

Name	Route	Species	Value
Solvent naphtha (petroleum), medium aliphatic			No data available
Distillates (petroleum), hydrotreated middle			No data available
Glycerin			No data available
Processed oil			No data available
Conditioners			No data available

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

Name	Route	Value	Species	Test result	Exposure Duration
Solvent naphtha (petroleum), medium aliphatic		No data available			
Distillates (petroleum), hydrotreated middle		No data available			
Glycerin		No data available			
Processed oil		No data available			
Conditioners		No data available			

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

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Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Solvent naphtha (petroleum), medium aliphatic	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Solvent naphtha (petroleum), medium aliphatic	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive	
Distillates (petroleum), hydrotreated middle			No data available			
Glycerin			No data available			
Processed oil			No data available			
Conditioners			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Solvent naphtha (petroleum), medium aliphatic			No data available			
Distillates (petroleum), hydrotreated middle			No data available			
Glycerin			No data available			
Processed oil			No data available			
Conditioners			No data available			

Aspiration Hazard

Name	Value
Solvent naphtha (petroleum), medium aliphatic	Aspiration hazard
Distillates (petroleum), hydrotreated middle	Not an aspiration hazard
Glycerin	Not an aspiration hazard
Processed oil	Not an aspiration hazard
Conditioners	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:**

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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. Dispose of waste product in a permitted industrial waste facility.

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 13* Solvents

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
Medium aliphatic solvent naphtha
Solvent refined hydrotreated middle distillate
Kaolin, calcined
Glycerin
Processed castor oil
Bentonite
Non-ionic surfactant
Astragalus gummifer gum
Quartz
Amyl acetate
Xanthan gum
2-Methylbutyl acetate
Magnesium nitrate
Methylchloroisothiazolinone
Magnesium chloride
Copper-based stabilizers
Methylisothiazolinone
Isoamyl acetate

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.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

List of relevant R-phrases

R10	Flammable.
R20	Harmful by inhalation.
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:

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

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

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

Copyright 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 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.

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