



HUGH CRANE

— Cleaning Equipment Limited —

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Revision Date 10/05/2015
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Safety Data Sheet

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

A16 QUIK WAX

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: A16 – QUIK WAX
Product Number: (21-107A): A1616
Supplier: Hugh Crane (Cleaning Equipment) Ltd
South Walsham Road, Acle
Norwich NR13 3ES
Telephone: 01493 750072 Fax 01493 751854

Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

Identified Uses: Automotive

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION: This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

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

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

Label elements

CLP REGULATION (EC) No 1272/2008: Not applicable

PRECAUTIONARY STATEMENTS

General: P102 Keep out of reach of children.

SUPPLEMENTAL INFORMATION

Supplemental Hazard Statements: EUH208 Contains 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone. May produce an allergic reaction.

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

Not applicable

Other hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EU Inventory	% by weight	Classification
Non-hazardous ingredients	Mixture		79 - 99	
Siloxanes and silicones, di-Me	63148-62-9		0.5 - 1.5	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9		<0.0015	T:R23-24-25; C:R34; N:R50/53; R43 (EU) Acute Tox. 3, H331; Acute Tox.3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens.1A, H317; Aquatic Acute 1,H400,M=10; Aquatic Chronic 1,H410,M=10 (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

4. FIRST AID MEASURES

Description of first aid measures

Inhalation: No need for first aid is anticipated.
Skin contact: Wash with soap and water. If signs/symptoms develop, get medical attention.
Eye Contact: Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.
If swallowed: No need for first aid is anticipated.



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Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

Indication of any immediate medical attention and special treatment required

Not applicable

5. FIRE FIGHTING MEASURES

Extinguishing media: Material will not burn. Use a fire-fighting agent suitable for the surrounding fire.

Special hazards arising from the substance or mixture: None inherent in this product.

Hazardous Decomposition or By-Products:	Substance	Condition
	Carbon monoxide.	During combustion.
	Carbon dioxide.	During combustion.

Advice for fire-fighters: No special protective actions for fire-fighters anticipated.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective: Ventilate area with fresh air. Observe precautions from other sections.

Eqpt & Emergency Procedures:

Environmental precautions: Avoid release to the environment.

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 physical, health or environmental 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.

Reference to other sections: Refer to Section 8 and Section 13 for more information

7. HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children.. Avoid contact with oxidising agents (eg chlorine, chromic acid etc).

Conditions for safe storage including any incompatibilities: Store away from acids. Store away from oxidising agents.

Specific end use(s): See information earlier in this section for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits: No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values: No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Exposure controls

Engineering controls: No engineering controls required.

Personal protective equipment (PPE)

Eye/face protection: Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety glasses with side shields.

Skin/hand protection: No chemical protective gloves are required.

Respiratory protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid.

Appearance/Odour: Fruity odour, clear liquid.

Odour Threshold: No data available.

pH: 4-6

Boiling point/boiling range: 100 °C

Melting point: Not applicable.

Flammability (solid, gas): Not applicable.

Explosive properties: Not classified

Oxidising properties: Not classified



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Flash point: No flash point.
Autoignition Temperature: No data available.
Flammable Limits (LEL): No data available.
Flammable Limits (UEL): No data available.
Vapour pressure: No data available.
Relative density: 1. [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.
Decomposition Temperature: No data available.
Viscosity: No data available.
Density: 1 g/ml
Other information
Volatile organic compounds (VOC): 0 % weight
Percent Volatile: No data available.

10. STABILITY AND REACTIVITY

Reactivity: This material may be reactive with certain agents under certain conditions - see the remaining headings in this section
Chemical stability: Stable.
Possibility of Haz'dous reactions: Hazardous polymerisation will not occur.
Conditions to avoid: None known.
Incompatible materials: Strong oxidising agents. Strong acids.
Hazardous Decomp'n Products: None known. Refer to section 5 for hazardous decomposition products during combustion.

11. TOXICOLOGICAL INFORMATION

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

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:

Inhalation: No known health effects.
Skin contact: Contact with the skin during product use is not expected to result in significant irritation.
Eye contact: Contact with the eyes during product use is not expected to result in significant irritation.
Ingestion: No known health effects.

Toxicological Data: If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
Siloxanes and silicones, di-Me	Dermal	Rabbit	LD50 > 19400 mg/kg
Siloxanes and silicones, di-Me	Ingestion	Rat	LD50 >17000 mg/kg
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Dermal	Rabbit	LD50 87 mg/kg
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Inhalation - Vapour 4hrs	Rat	LC50 0.33 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive



Serious Eye Damage/Irritation

Name	Species	Value
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive

Skin Sensitisation

Name	Species	Value
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Human & Animal	Sensitising

Photosensitisation

Name	Species	Value
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Human & Animal	Not Sensitising

Respiratory Sensitisation

For the component(s), either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	In Vivo	Not mutagenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	In Vitro	Some positive data exists; not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Dermal	Mouse	Not carcinogenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not toxic to female reproduction.	Rat	NOAEL 10 mg/kg/day	2 generation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not toxic to male reproduction.	Rat	NOAEL 10 mg/kg/day	2 generation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not toxic to development.	Rat	NOAEL 15 mg/kg/day	During organogenesis

Specific Target Organ Toxicity – Single Exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Inhalation	Respiratory Irritation	Some positive data exists; not sufficient for classification	Similar Health Hazards	NOAEL Not Available	

Specific Target Organ Toxicity – Repeated Exposure

For the component(s), either no data is currently available or the data is not sufficient for classification.

Aspiration Hazard

For the component(s), either no data is currently available or the data is not sufficient for classification.

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.

12. ECOLOGICAL INFORMATION

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

Toxicity

No product test data available.



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Material	CAS No.	Organism	Type	Exposure	Test Endpoint	Test Result
Siloxanes and silicones, di-Me	63148-62-9		Data not available or insufficient for classification			
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Water Flea	Experimental	48 hrs	EC50	0.18 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Diatom	Experimental	72 hrs	EC50	0.021 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Diatom	Experimental	72 hrs	NOEC	0.01 mg/l

Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Siloxanes and silicones, di-Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Experimental Biodegradation	28 days	CO2 Evolution	48% Weight	Other Methods
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Siloxanes and silicones, di-Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Experimental Bioconcentration		Log Kow	0.5	Other Methods
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

Mobility in soil:

Please contact manufacturer for more details

Results of the PBT and vPvB assessment: No information available at this time, contact manufacturer for more details

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste 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.

14. TRANSPORT INFORMATION

ADR/IATA/IMDG:

Not hazardous for transport.

15. REGULATORY INFORMATION

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

Global inventory status:

Contact manufacturer for more information. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.



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The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

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

Chemical Safety Assessment:

Not applicable

16. OTHER INFORMATION

Revision Date:

10th May 2015

Replaces Revision Dated:

2nd January 2015

List of relevant H statements:

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.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

List of relevant R-phrases:

R23 Toxic by inhalation.
R24 Toxic in contact with skin.
R25 Toxic if swallowed.
R34 Causes burns.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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.

End of Safety Data Sheet