



# HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

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Revision Date: 30/10/2019

Print Date 18/01/2021

## **MATERIAL SAFETY DATA SHEET**

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

# **G36 ULTIMATE WASH & WAX ANYWHERE**

### **1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product Name:** G36 ULTIMATE WASH & WAX ANYWHERE

**Reference No.:** G36 G3624 24-69C

**Company:** Hugh Crane (Cleaning Equipment) Ltd  
South Walsham Road, Acle  
Norwich NR13 3ES

**Telephone:** 01493 750072 Fax 01493 751854

**Emergency telephone number:** +44 (0)870 241 6696

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified Uses:** Automotive.

### **2. HAZARD 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.

#### **LABEL ELEMENTS**

**CLP REGULATION (EC) No 1272/2008**

Not applicable

#### **SUPPLEMENTAL INFORMATION**

**Supplemental Hazard Statements:** EUH208 Contains ISOEUGENOL. Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

#### **Information required per Regulation (EU) No 528/2012 on Biocidal Products:**

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

#### **Notes on labelling:**

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: Contains: Perfumes, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

#### **Other hazards:**

None known.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	CAS No.	EC No.	% by Wt	Classification
Non-hazardous ingredients	Mixture		79-99	Substance not classified as hazardous
Isoeugenol	97-54-1	202-590-7	<=0.003	Skin Sens 1 H317
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	911-418-6	<0.001	EUH071 Acute Tox. 3, H301 Skin Corr. 1C H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400, M=100 Aquatic Chronic 1, H410, M=100 (Nota B) Acute Tox 2 H330 Acute Tox 2 H310

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. Please see section 16 for the full text of any H statements referred to in this section. For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS.



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#### **4. FIRST AID MEASURES**

##### **Description of first aid measures**

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.  
**Skin contact:** No need for first aid is anticipated.  
**Eye contact:** Flush with large amounts of water. If signs/symptoms persist, get medical attention.  
**If swallowed:** No need for first aid is anticipated.

##### **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.

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

<b>Hazardous Decomposition or By-Products:</b>	<b>Substance</b>	<b>Condition</b>
	Carbon monoxide.	During combustion.
	Carbon dioxide.	During combustion.

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

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Eqpt & 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. Observe precautions from other sections.

**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.

**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. 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 release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

**Conditions for safe storage including any incompatibilities:** Store away from heat. Protect from sunlight. Store away from acids. Store away from oxidising agents.

**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.

#### **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.

**Applicable Norms/Standards:** Use eye protection conforming to EN 166

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

**Respiratory protection:** None required.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state:	Liquid.
Colour:	Off white
Odour:	Sweet odour.
Odour Threshold:	No data available
pH:	6.5
Boiling point/boiling range:	No data available
Melting point:	No data available
Flammability (solid, gas):	Not applicable.
Explosive properties:	Not classified
Oxidising properties:	Not classified
Flash point:	No data available.
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
Solubility, Non Water:	No data available.
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:	1g/ml

### Other information

Volatile organic compounds (VOC): No data available.

Molecular Weight: 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 hazardous reactions:	Hazardous polymerisation will not occur.
Conditions to avoid:	Heat
Incompatible materials:	Strong acids. Strong oxidising agents.
Hazardous decomposition 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:	Sprayed material may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, hoarseness, wheezing, breathing difficulty, nose and throat pain, coughing up blood, and non-respiratory effects such as painful and watery eyes.
Skin contact:	Contact with the skin during product use is not expected to result in significant irritation.
Eye contact:	Sprayed material may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
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.

### Toxicological Data

#### Acute Toxicity



Name	Route	Species	Value
Overall Product	Ingestion		No data available; calculated ATE >5000 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Dermal	Rabbit	LD50 87 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Inhalation-Dust / Mist (4 hrs)	Rat	LC50 0.33 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Rat	LD50 40mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Rabbit	Corrosive

#### Serious Eye Damage/Irritation

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Rabbit	Corrosive

#### Skin Sensitisation

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Human & Animal	Sensitising

#### Photosensitisation

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Human & Animal	Not Sensitising

#### Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

#### Germ Cell Mutagenicity

Name	Route	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	In Vivo	Not mutagenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	In Vitro	Some positive data exists; insufficient for classification

#### Carcinogenicity

Name	Route	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Dermal	Mouse	Not carcinogenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Rat	Not carcinogenic

#### Reproductive Toxicity

##### Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not Toxic to female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not toxic to male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not toxic to development	Rat	NOAEL 15 mg/kg/day	During organogenesis

#### Target Organ(s)

##### Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Inhalation	Respiratory irritation	Some positive data exists; insufficient for classification	Similar health hazards	NOAEL Not available	

##### Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

#### Aspiration Hazard

For the component/components, 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 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**Toxicity:** No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
ISOEUGENOL	97-54-1	Data not available or insufficient for classification				
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Copepods	Experimental	48 hrs	EC50	0.007 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Diatom	Experimental	72 hrs	EC50	0.0199 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Green algae	Experimental	72 hrs	EC50	0.027 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Rainbow Trout	Experimental	96 hrs	LC50	0.19 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Sheepshead Minnow	Experimental	96 hrs	LC50	0.3 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Water flea	Experimental	48 hrs	EC50	0.099 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Diatom	Experimental	48 hrs	NOEC	0.00049 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Fathead Minnow	Experimental	36 days	NOEL	0.02 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Green algae	Experimental	72 hrs	NOEC	0.004 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Water Flea	Experimental	21 days	NOEC	0.004 mg/l

#### Persistence and degradability

Material	CAS Nbr	Test Type	Duration	Study Type	Test Result	Protocol
ISOEUGENOL	97-54-1	Data not available or insufficient for classification				
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Estimated Photolysis		Photolytic half-life(in air)	1.2 days (t 1/2)	Other methods
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Experimental Hydrolysis		Hydrolytic half-life	> 60 days (t1/2)	Other methods
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Estimated Biodegradation	29 days	CO2 evolution	62 %CO2 evolution / THC O2 evolution (does not pass 10-day window)	OECD 301B - Modified sturm or CO2

#### Bioaccumulative potential

Material	CAS Nbr	Test Type	Duration	Study Type	Test Result	Protocol
ISOEUGENOL	97-54-1	Data not available or insufficient for classification				
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one)	55965-84-9	Estimated BCF - Bluegill	28 days	Bioaccumulation Factor	54	OECD 305E Bioaccumulation flow-through fish test

**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.





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### **13. DISPOSAL CONSIDERATIONS**

**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. 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. TRANSPORTATION INFORMATION**

**ADR / IMDG / IATA:** Not hazardous for transport.

### **15. REGULATORY INFORMATION**

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

**Chemical Safety Assessment:** A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

### **16. OTHER INFORMATION**

**Revision Date:** 2<sup>nd</sup> March 2015  
**Supersedes SDS Dated:** 26<sup>th</sup> January 2015

**List of relevant H statements:** EUH071 Corrosive to the respiratory tract.  
H301 Toxic if swallowed.  
H310 Fatal in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**SDS Revision Date:** 30<sup>th</sup> October 2019.

**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**