

## **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

D101, Detailer All Purpose Cleaner (DX-101A): D10101, D10105, D10155

#### **Product identification numbers**

KS-9990-0697-0

#### 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 Kingdon 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 Indication of danger

Corrosive; C; R35

For full text of R phrases, see Section 16.

#### 2.2. Label elements

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

#### Symbol(s)



Corrosive

#### **Contains:**

Sodium Metasilicate; Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

#### Risk phrases

R35 Causes severe burns.

Safety phrases

S23C Do not breathe vapour or spray. S51 Use only in well ventilated areas.

Wear suitable protective clothing, gloves, and eye and face protection.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28C After contact with skin, wash immediately with plenty of water for 15 minutes.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where

possible).

S1/2 Keep locked up and out of reach of children.

#### Notes on labelling

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

Ingredients required per 648/2004: <5%: Anionic surfactants. Contains: Perfumes, hexyl cinnamaldehyde, 2-(4-tert-Butylbenzyl)propionaldehyde, linalool, optical brightener.

#### 2.3. Other hazards

May cause chemical gastrointestinal burns. May cause chemical respiratory tract burns.

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

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non hazardous ingredient	Mixture		80 - 95	
Sulphonic acids, C14-16-alkane hydroxy	68439-57-6	EINECS 270-	1 - 5	Xn:R22; Xi:R41 (Self
and C14-16-alkene, sodium salts		407-8		Classified)
				Acute Tox. 4, H302; Eye Dam.
				1, H318 (Self Classified)
Sodium Metasilicate	6834-92-0	EINECS 229- 912-9	1 - 5	C:R34; Xi:R37 (EU)
				Skin Corr. 1B, H314; STOT SE
				3, H335 (CLP)
				Met. Corr. 1, H290 (Self
				Classified)
2-(Propyloxy)ethanol	2807-30-9	EINECS 220-	1 - 5	Xn:R21; Xi:R36 (EU)
		548-6		
				Acute Tox. 4, H312; Eye Irrit. 2,
				H319 (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

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## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. Get immediate medical attention.

#### Skin contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

#### Eve contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

#### If swallowed

Rinse mouth. Do not induce vomiting. Get immediate 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 ordinary combustible material such as water or foam.

#### 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

Evacuate area. 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. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

#### 6.2. 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.

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#### 6.3. Methods and material for containment and cleaning up

Contain spill. For large spills, if necessary, get assistance from professional spill clean up team. For small spills, carefully neutralise spill by adding appropriate dilute acid such as vinegar. Work slowly to avoid boiling or spattering. Continue to add neutralising agent until reaction stops. Let cool before collecting. 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. Absorb spillage to prevent material damage. 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 metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Clean up residue with water. Cover, but do not seal for 48 hours. 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. Do not breathe 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. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminum, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

#### 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep only in original container. 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

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

#### 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

Wear eye/face protection.

The following eye protection(s) are recommended: Full face shield.

Indirect vented goggles.

#### Skin/hand protection

D. A. C

Wear protective gloves and protective clothing.

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

Nitrile rubber.

The following protective clothing material(s) are recommended: Apron - polymer laminate

#### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

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 Sweet odour; Green liquid

**Odour threshold** *No data available.* 

pH 13 Boiling point/boiling range 100 °C

Melting pointNot applicable.Flammability (solid, gas)Not applicable.Explosive propertiesNot classifiedOxidising propertiesNot classified

Flash point > 93 °C (200 °F) [Test Method: Closed Cup]

Autoignition temperatureNot applicable.Flammable Limits(LEL)Not applicable.Flammable Limits(UEL)Not applicable.Vapour pressureNo data available.Relative density1 [Ref Std:WATER=1]

Water solubility Complete

**Solubility- non-water** *No data available.* 

Partition coefficient: n-octanol/waterNo data available.Evaporation rateNo data available.Vapour densityNo data available.

**Decomposition temperature**No data available.**Viscosity**No data available.

**Density** 1 g/cm3

9.2. Other information

Volatile organic compounds (VOC)3.50 % weightVOC less H2O & exempt solvents293.98 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

None known.

#### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

#### 10.6 Hazardous decomposition products

**Substance** 

Condition

## 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

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

#### Inhalation

Respiratory tract corrosion: Signs/symptoms may include nasal discharge, severe nose and throat pain, chest tightness and pain, coughing up blood, wheezing, and breathlessness, possibly progressing to respiratory failure.

#### Skin contact

Corrosive (skin burns): Signs/symptoms may include localised redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

#### Eve contact

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

## Ingestion

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen.

#### **Toxicological Data**

#### **Acute Toxicity**

Name	Route	Species	Value
			·

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Overall product	Ingestion		Data not available or insufficient for classification; calculated ATE >5,000
			mg/kg
Sodium Metasilicate	Dermal	Rabbit	LD50 > 4,640 mg/kg
Sodium Metasilicate	Ingestion	Rat	LD50 500 mg/kg
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Dermal	Rat	LD50 > 2,000 mg/kg
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Ingestion	Rat	LD50 578 mg/kg
2-(Propyloxy)ethanol	Dermal	Rabbit	LD50 1,337 mg/kg
2-(Propyloxy)ethanol	Inhalation-Vapor (4 hours)	Rat	LC50 > 11.1 mg/l
2-(Propyloxy)ethanol	Ingestion	Rat	LD50 3,089 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Sodium Metasilicate	Rabbit	Corrosive
Sulphonic acids, C14-16-alkane hydroxy and C14-	Rabbit	Mild irritant
16-alkene, sodium salts		
2-(Propyloxy)ethanol		Data not available or insufficient for
		classification

Serious Eye Damage/Irritation

Name	Species	Value
Sodium Metasilicate	Rabbit	Corrosive
Sulphonic acids, C14-16-alkane hydroxy and C14-	Rabbit	Corrosive
16-alkene, sodium salts		
2-(Propyloxy)ethanol		Data not available or insufficient for
		classification

## **Skin Sensitisation**

Name	Species	Value
Sodium Metasilicate	Mouse	Not sensitizing
Sulphonic acids, C14-16-alkane hydroxy and C14-	Guinea pig	Not sensitizing
16-alkene, sodium salts		
2-(Propyloxy)ethanol		Data not available or insufficient for
		classification

**Respiratory Sensitisation** 

Name	Species	Value
Sodium Metasilicate		Data not available or insufficient for
		classification
Sulphonic acids, C14-16-alkane hydroxy and C14-		Data not available or insufficient for
16-alkene, sodium salts		classification
2-(Propyloxy)ethanol		Data not available or insufficient for
		classification

**Germ Cell Mutagenicity** 

Name	Route	Value
Sodium Metasilicate	In Vitro	Not mutagenic
Sodium Metasilicate	In vivo	Not mutagenic
Sulphonic acids, C14-16-alkane hydroxy and C14-	In Vitro	Not mutagenic
16-alkene, sodium salts		
2-(Propyloxy)ethanol		Data not available or insufficient for
		classification

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Carcinogenicity

Name	Route	Species	Value
Sodium Metasilicate			Data not available or insufficient for
			classification
Sulphonic acids, C14-16-alkane	Dermal	Rat	Not carcinogenic
hydroxy and C14-16-alkene, sodium			
salts			
Sulphonic acids, C14-16-alkane	Ingestion	Rat	Not carcinogenic
hydroxy and C14-16-alkene, sodium			
salts			
2-(Propyloxy)ethanol			Data not available or insufficient for
			classification

## **Reproductive Toxicity**

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Sodium Metasilicate	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Mouse	NOAEL 200 mg/kg/day	during gestation
Sulphonic acids, C14-16-alkane hydroxy and C14-16- alkene, sodium salts	Ingestion	Not toxic to female reproduction	Rat	NOAEL 871 mg/kg	2 generation
Sulphonic acids, C14-16-alkane hydroxy and C14-16- alkene, sodium salts	Ingestion	Not toxic to male reproduction	Rat	NOAEL 891 mg/kg	2 generation
Sulphonic acids, C14-16-alkane hydroxy and C14-16- alkene, sodium salts	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Rabbit	NOAEL 600 mg/kg	during organogenesis
2-(Propyloxy)ethanol		Data not available or insufficient for classification			

## Target Organ(s)

**Specific Target Organ Toxicity - single exposure** 

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Sodium Metasilicate	Inhalation	respiratory irritation	May cause respiratory irritation		Irritation Positive	
Sulphonic acids, C14- 16-alkane hydroxy and C14-16- alkene, sodium salts			Data not available or insufficient for classification			
2- (Propyloxy)et hanol			Data not available or insufficient for classification			

**Specific Target Organ Toxicity - repeated exposure** 

Name Route Target	Value	Species	Test result	Exposure	
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		Organ(s)				Duration
Sodium Metasilicate	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 2,400 mg/kg/day	
Sodium Metasilicate	Ingestion	endocrine system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 804 mg/kg/day	3 months
Sulphonic acids, C14- 16-alkane hydroxy and C14-16- alkene, sodium salts	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 500 mg/kg/day	6 months
Sulphonic acids, C14- 16-alkane hydroxy and C14-16- alkene, sodium salts	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 500 mg/kg	6 months
Sodium Metasilicate	Ingestion	blood	All data are negative	Rat	NOAEL 804 mg/kg/day	3 months
Sodium Metasilicate	Ingestion	heart   liver	All data are negative Data not available	Rat	NOAEL 1,259 mg/kg/day	8 weeks
(Propyloxy)et hanol			or insufficient for classification			

**Aspiration Hazard** 

Name	Value			
Sodium Metasilicate	Not an aspiration hazard			
Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not an aspiration hazard			
2-(Propyloxy)ethanol	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

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

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 29\* Detergents containing dangerous substances

## **SECTION 14: Transportation information**

KS-9990-0697-0

**ADR/RID:** UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., LIMITED QUANTITY, (CONTAINS SODIUM METASILICATE), (SULFONIC ACIDS, PETROLEUM AND SODIUM SALTS), 8., III, (E), ADR Classification Code: C5.

**IMDG-CODE:** UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (CONTAINS SODIUM METASILICATE), (SULFONIC ACIDS, PETROLEUM AND SODIUM SALTS), 8., III, IMDG-Code segregation code: 18- ALKALIS, LIMITED QUANTITY, EMS: FA,SB.

**ICAO/IATA:** UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (CONTAINS SODIUM METASILICATE), (SULFONIC ACIDS, PETROLEUM AND SODIUM SALTS), 8., III.

## **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 material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). 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.

#### 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

Sodium metasilicate

Ethylene glycol monopropyl ether

Perfumes

Sodium C10-16 pareth-2-sulfate

Sodium sulfate Sodium chloride

Hexyl cinnamaldehyde

2-(4-tert-Butylbenzyl)propionaldehyde

Formaldehyde

Linalool

Alcohols, C10-16, ethyoxylated

Disodium distyrylbiphenyl disulfonate (optical brightener)

Colorants

## 15.2. Chemical Safety Assessment

Not applicable

## **SECTION 16: Other information**

#### List of relevant H statements

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

## List of relevant R-phrases

R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
P 37	Irritating to recniratory system

R37 Irritating to respiratory system.
R41 Risk of serious damage to eyes.

#### **Revision information:**

**Revision Changes:** 

Section 8: Eye/face protection information was modified.

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

Risk phrase was modified.

Safety phrase was modified.

Section 8: Respiratory protection - recommended respirators was modified.

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

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

Section 2: Indication of danger information was modified.

Section 9: Flammability (solid, gas) information was modified.

Section 2: Other hazards phrase was modified.

Section 16: Regulations - Inventories - EU ONLY 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 11: Health Effects - Eye information was modified.

Section 11: Health Effects - Skin information was modified.

Section 11: Health Effects - Inhalation information was modified.

Section 11: Health Effects - Ingestion information was modified.

Section 5: Fire - Extinguishing media information was modified.

Section 6: Accidental release personal information was modified.

Section 6: Accidental release environmental 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 8: Personal Protection - Skin/hand information was modified.

Section 13: Standard Phrase Category Waste GHS was modified.

Section 4: First aid for eye contact information was modified.

Section 4: First aid for skin contact information was modified.

Section 4: First aid for inhalation information was modified.

Section 4: First aid for ingestion (swallowing) information was modified.

Section 8: Skin protection - protective clothing recommendations was added.

Section 8: Skin protection - protective clothing information was added.

Section 8: Respiratory protection - recommended respirators guide was added.

Section 2: Label ingredient information was added.

Section 1: Product identification numbers heading was added.

Section 1: Product identification numbers was added.

Section 8: Appropriate Engineering controls information was added.

Section 8: Personal Protection - Respiratory Information was added.

Section 9: Odour Threshold was added.

Section 9: Solubility (non-water) was added.

Section 09: Decomposition Temperature was added.

Section 2: R phrase reference was added.

Label: Graphic was added.

Label: Graphic was added.

Label: Graphic Text was added.

Section 9: Flammability (solid, gas) information was added.

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Section 2: Symbol was deleted.

Section 2: Symbols heading was deleted.

Section 2: Label ingredient information was deleted.

Section 14: Transportation classification was deleted.

Section 2: Label remarks was deleted.

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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