

# SAFETY DATA SHEET

**Videojet®**  
**Cleaning Solution**  
**16-3401Q**



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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : 16-3401Q  
**Product code** : Product code: 16-3401Q, 16-3401Q4  
**CAS number** : Not applicable.

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

**Material uses** : Industrial applications: Use for cleaning the Videojet printer and printer components only.

### 1.3 Details of the supplier of the safety data sheet

Website: [www.videojet.com](http://www.videojet.com)  
Email: [FluidsSupport@videojet.com](mailto:FluidsSupport@videojet.com)

Videojet Technologies Inc., 1500 Mittel Boulevard, Wood Dale, IL, 60191-1073 U.S.A  
Tel: 1-800-843-3610 Fax: 1-800-582-1343

Aldus Pty Ltd, 1 Rhodes St, West Ryde, NSW 2114, Australia  
Tel: +61 1300 018 330 Email: [sales@tronics.com.au](mailto:sales@tronics.com.au)

Aldus - Tronics (NZ) Ltd, Unit 3, 23-25 Highbrook Dr, East Tamaki, Auckland, New Zealand  
Tel: +64 9 588 4072 Email: [sales@tronics.co.nz](mailto:sales@tronics.co.nz)

### 1.4 Emergency telephone number

**Medical** ☎ 3E (AU): +61 1800 686 951 / +61 02 8036 3166  
3E Code: 334466

**Transporters** ☎ 3E (AU): +61 1800 686 951 / +61 02 8036 3166  
3E Code: 334466

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

1)	Highly flammable liquid and vapour.
2)	Toxic if swallowed.
3)	Toxic in contact with skin.
4)	Toxic if inhaled.
5)	Causes serious eye irritation.
6)	Causes damage to organs.
7)	May cause drowsiness or dizziness.

<b>Ingredients of unknown toxicity</b>	: Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 4%
<b>Ingredients of unknown ecotoxicity</b>	: Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 0%.

## 2.2 Label elements



Danger. Highly flammable liquid and vapour. Toxic if swallowed, in contact with skin or if inhaled. Causes serious eye irritation. Causes damage to organs. May cause drowsiness or dizziness. Do not breathe vapour. Wear protective gloves. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF SWALLOWED: Immediately call a POISON CENTER or physician. IF exposed: Call a POISON CENTER or physician. Keep container tightly closed. Store in a well-ventilated place.

<b>Hazardous ingredients</b>	: butanone (CAS 78-93-3, EC 201-159-0); methanol (CAS 67-56-1, EC 200-659-6).
<b>Supplemental label elements</b>	: Not applicable.

## 2.3 Other hazards

<b>Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII</b>	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
<b>Other hazards which do not result in classification</b>	: None known.

## SECTION 3: Composition/information on ingredients

### Substance/mixture :

Product/ingredient name	Identifiers	%	Classification	Type
butanone	78-93-3	40 - <50	FLAMMABLE LIQUIDS - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3	[1] [2]
methanol	67-56-1	40 - <50	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 3 ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (inhalation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 1	[1] [2]
acetic acid	64-19-7	2 - <5	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 1A SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1	[1] [2]

#### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

See Section 16 for the full text of the H statements declared above.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Eye contact</b>	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.
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- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

#### 4.2 Most important symptoms and effects, both acute and delayed

##### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Toxic if inhaled. Causes damage to organs following a single exposure if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Toxic in contact with skin. Causes damage to organs following a single exposure in contact with skin.
- Ingestion** : Toxic if swallowed. Causes damage to organs following a single exposure if swallowed. Can cause central nervous system (CNS) depression.

##### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : No specific data.
- Ingestion** : No specific data.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

### 5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for

emergency contact information and Section 13 for waste disposal.

#### 6.4 Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product.

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
butanone	<b>Safe Work Australia (Australia, 10/2022).</b> STEL: 890 mg/m <sup>3</sup> 15 minutes. STEL: 300 ppm 15 minutes. TWA: 445 mg/m <sup>3</sup> 8 hours. TWA: 150 ppm 8 hours.
methanol	<b>Safe Work Australia (Australia, 10/2022). Absorbed through skin.</b> STEL: 328 mg/m <sup>3</sup> 15 minutes. STEL: 250 ppm 15 minutes. TWA: 262 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours.
acetic acid	<b>Safe Work Australia (Australia, 10/2022).</b> STEL: 37 mg/m <sup>3</sup> 15 minutes. STEL: 15 ppm 15 minutes. TWA: 25 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.

#### Biological exposure indices

No exposure indices known.

- Recommended monitoring procedures** : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## 8.2 Exposure controls

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hand protection** : Recommended: EN374 B, EN374 A  
May be used (Short term exposure): Latex gloves. Nitrile gloves. Use gloves only once. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.  
Recommended: organic vapour filter (Type A), organic vapour filter (Type AX), acid gas filter (Type E)
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Liquid.
- Colour** : Colourless to light yellow.
- Odour** : Not available.
- Odour threshold** : Estimated.:  $\geq 0.1$  ppm (acetic acid).
- pH** : Not applicable.
- Melting point/freezing point** : Estimated.:  $\leq 17$  °C (acetic acid).
- Initial boiling point and boiling range** : Estimated.:  $\geq 65$  °C (methanol).
- Flash point** :  $-6$  °C [ASTM D 56]
- Evaporation rate** : Estimated.:  $\leq 7$  [butyl acetate = 1] (butanone).
- Flammability (solid, gas)** : Not applicable. ( Liquid )
- Upper/lower flammability or explosive limits** : Estimated.:  $\geq 2$  % (butanone).  
Estimated.:  $\leq 44$  % (methanol).
- Vapour pressure** : Estimated.:  $\leq 17$  kPa (127 mm Hg) at 20°C (methanol).
- Vapour density** : Estimated.:  $\geq 1.1$  [Air = 1] (methanol).
- Relative density** : 0.8 [OECD 109]
- Solubility(ies)** : Not available.

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Estimated.: $\geq 404$ °C (butanone).
<b>Decomposition temperature</b>	: Thermally stable.
<b>Viscosity</b>	: Not available.
<b>Explosive properties</b>	: Not applicable. Not classified.
<b>Oxidising properties</b>	: Not applicable. Not classified.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.

## 9.2 Other information

<b>Volatility (w/w)</b>	: 100 %.
<b>VOC Volatility (w/w)</b>	: 100 %.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

The product is stable.

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

### 10.5 Incompatible materials

Reactive or incompatible with the following materials:  
oxidising materials

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
butanone	LC50 Inhalation Vapour	Rat	23.5 mg/l	8 hours
	LD50 Dermal	Rabbit - Male	>8000 mg/kg	-
methanol	LD50 Oral	Rat	3460 mg/kg	-
	LC50 Inhalation Vapour	Rat	87.5 mg/l	6 hours
	LD50 Dermal	Rabbit	17100 mg/kg	-
acetic acid	LDLo Oral	Rat	>2528 mg/kg	-
	LC50 Inhalation Vapour	Rat	11.4 mg/l	4 hours
	LD50 Oral	Rat	3310 mg/kg	-

**Conclusion/Summary** : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed.

#### Acute toxicity estimates

Route	ATE value
Oral	208.33 mg/kg
Dermal	625 mg/kg
Inhalation (vapours)	6.12 mg/l

**Irritation/Corrosion**

Not available.

**Conclusion/Summary**

- Skin** : Not classified. No known significant effects or critical hazards.
- Eyes** : Causes serious eye irritation.
- Respiratory** : Not classified. No known significant effects or critical hazards.

**Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
butanone	skin	Guinea pig	Not sensitizing

**Conclusion/Summary**

- Skin** : Not classified. No known significant effects or critical hazards.
- Respiratory** : Not classified. No known significant effects or critical hazards.

**Mutagenicity**

- Conclusion/Summary** : Not classified. No known significant effects or critical hazards.

**Carcinogenicity**

- Conclusion/Summary** : Not classified. No known significant effects or critical hazards.

**Reproductive toxicity**

- Conclusion/Summary** : Not classified. No known significant effects or critical hazards.

**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
butanone	Category 3	-	Narcotic effects
methanol	Category 1	-	optic nerve

**Specific target organ toxicity (repeated exposure)**

Not available.

**Aspiration hazard**

- Conclusion/Summary** : Not classified. No known significant effects or critical hazards.

**Potential chronic health effects, Other**

- Conclusion/Summary** : No known significant effects or critical hazards.

**SECTION 12: Ecological information****12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
butanone	Acute EC50 2029 mg/l Fresh water	Algae - <i>Pseudokirchnerella subcapitata</i>	96 hours
	Acute EC50 308 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 2993 mg/l Fresh water	Fish - <i>Pimephales promelas</i>	96 hours
	Chronic NOEC 1240 mg/l Fresh water	Algae - <i>Pseudokirchnerella subcapitata</i>	96 hours
methanol	Acute EC50 22000 mg/l Fresh water	Algae - <i>Pseudokirchnerella subcapitata</i>	96 hours
	Acute EC50 18260 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	96 hours
	Acute EC50 12700000 µg/l Fresh water	Fish - Bluegill - <i>Lepomis macrochirus</i> - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
acetic acid	Acute EC50 >1000 mg/l Marine water	Algae - <i>Skeletonema costatum</i>	72 hours
	Acute EC50 >1000 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 >1000 mg/l	Fish - <i>Oncorhynchus mykiss</i>	96 hours

- Conclusion/Summary** : Not available.



**12.2 Persistence and degradability**

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
butanone	-	-	Readily
methanol	-	-	Readily
acetic acid	-	-	Readily

**Conclusion/Summary** : Not available.

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
butanone	0.3	-	Low
methanol	-0.77	<10	Low
acetic acid	-0.17	3.16	Low

**12.4 Mobility in soil**

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

**12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects**

No known significant effects or critical hazards.

**SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**13.1 Waste treatment methods****Product**





**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Packaging**

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : None.

**SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	UN1210	UN1210	UN1210	UN1210
<b>14.2 UN proper shipping name</b>	Printing Ink Related Material	Printing Ink Related Material	Printing Ink Related Material	Printing Ink Related Material
<b>14.3 Transport hazard class(es)</b>	3 	3 	3 	3 

<b>14.4 Packing group</b>	II	II	II	II
<b>14.5 Environmental hazards</b>	No.	No.	No.	No.
<b>Additional information</b>	<b>Special provisions</b> 640 (C) <b>Tunnel code</b> (D/E)	<b>Special provisions</b> 640 (C)	-	-

**14.6 Special precautions for user**

No special measures required.

**14.7 Transport in bulk according to IMO instruments**

Not available.


**SECTION 15: Regulatory information**

**Tariff Code - harmonized system** : 3402.90 surface-active preparations, washing preparations (including auxiliary washing preparations) and cleaning preparations, whether or not containing soap, other than those of heading 3401: Other.  
USA ...50.30  
EU ...90.00

**Heavy Metals** : Total concentration: Pb, Hg, Cd, Cr(VI) < 100 ppm

<b>Chemical Weapons Convention List Schedule I Chemicals</b> Not listed	<b>Chemical Weapons Convention List Schedule II Chemicals</b> Not listed	<b>Chemical Weapons Convention List Schedule III Chemicals</b> Not listed
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**SECTION 16: Other information**

**Revision comments** :  Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification**

Classification	Justification
	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

