SAFETY DATA SHEET

SIEMENS Healthineers

Chek-Stix® Liquid QC Kit + Sediment

SDS no.: 11561696

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

1.1 Product identifier

Product name : Chek-Stix® Liquid QC Kit + Sediment

Product code : 11561696

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

Identified uses

Chek-Stix Liquid QC + Sediment, Level 1 Negative — Diagnostic agents.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Diagnostic agents.

Restrictions on use For professional users only.

1.3 Details of the supplier of the safety data sheet

Manufactured/supplied :

Siemens Healthcare Diagnostics Limited
Park View,
Watchmoor Park,
Camberley,
Surrey,
GU15 3YL
United Kingdom

Phone: +44 (0) 345 600 1955

e-mail address of person responsible for this SDS : dx.msds.healthcare@siemens-healthineers.com

1.4 Emergency telephone number

Poison Control:
In England and Wales:
NHS Direct – 0845 4647 or 111
In Scotland: NHS 24 – 08454 24 24 24
In the Republic of Ireland: 01 809 2166

CHEMTREC: 0870-8200418 (UK only)
+(353)-19014670 (UK & Ireland)
(International calls to the United Kingdom)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition :

Chek-Stix Liquid QC + Sediment, Level 1 Negative — Mixture

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Mixture

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

Chek-Stix Liquid QC + Sediment, Level 2 Positive

Skin Sens. 1, H317

Chek-Stix Liquid QC + Sediment, Level 1 Negative	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Chek-Stix Liquid QC + Sediment, Level 2 Positive	The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

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

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

SECTION 2: Hazards identification

Hazard pictograms :

Signal word :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No signal word.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Warning
Hazard statements :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	H317 - May cause an allergic skin reaction.
Precautionary statements		
Prevention :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	P280 - Wear protective gloves/ protective clothing/eye protection/face protection.
Response :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	P302 + P352 - IF ON SKIN: IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: If skin irritation or rash occurs: Get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash it before reuse.
Storage :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.
Disposal :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.
Hazardous ingredients :	**Chek-Stix Liquid QC + Sediment, Level 2 Positive** Esterase, carboxyl 2-methyl-2H-isothiazol-3-one	
Supplemental label elements :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII :	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	
Other hazards which do not result in classification :	Chek-Stix Liquid QC + Sediment, Level 1 Negative	None known.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	None known.
Additional information :	Potentially biohazardous material.	

SECTION 2: Hazards identification

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Mixture
Chek-Stix Liquid QC + Sediment, Level 2 Positive — Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Chek-Stix Liquid QC + Sediment, Level 2 Positive					
Esterase, carboxyl	EC: 232-773-7 CAS: 9016-18-6	≤0.3	Resp. Sens. 1, H334	-	[1]
2-methyl-2H-isothiazol-3-one	EC: 220-239-6 CAS: 2682-20-4	<0.01	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071 **See Section 16 for the full text of the H statements declared above.**	ATE [Oral] = 100 mg/kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l Skin Sens. 1, H317: C ≥ 0.0015% M [Acute] = 10 M [Chronic] = 1	[1]

Type

[1] Substance classified with a health or environmental hazard

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact :

Chek-Stix Liquid QC + Sediment, Level 1 Negative — Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — 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 irritation occurs.

Inhalation :

Chek-Stix Liquid QC + Sediment, Level 1 Negative — Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 adverse health effects persist or are severe. If

SECTION 4: First aid measures

			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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	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. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	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. Get medical attention if adverse health effects persist or are severe. 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	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No action shall be taken involving any personal risk or without suitable training.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No action shall be taken involving any personal risk or without suitable training. 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

Over-exposure signs/symptoms

Eye contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.

SECTION 4: First aid measures

Inhalation	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.
Skin contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Adverse symptoms may include the following: irritation redness
Ingestion	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific treatment.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
metal oxide/oxides

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.

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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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. 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. 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. 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. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections : See Section 1 for emergency contact information.
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).

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 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. 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.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

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. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
Chek-Stix Liquid QC + Sediment, Level 2 Positive					
2-methyl-2H-isothiazol-3-one	DNEL	Long term Inhalation	0.021 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.021 mg/m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

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.

Use eye protection according to EN 166.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Wear suitable gloves tested to EN374.

Impervious gloves (e.g. butyl, nitrile, etc.) are recommended if skin contact is possible and for processing operations. Protective gloves must meet the standards in accordance with CEN EN374, ASTM F1001 or international equivalent.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 8: Exposure controls/personal protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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.

Environmental exposure controls : Use appropriate containment to avoid environmental contamination. Keep container closed. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Dispose of waste in accordance with environmental legislation.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Chek-Stix Liquid QC + Sediment, Level 1 Negative Liquid.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Liquid.

Colour : Chek-Stix Liquid QC + Sediment, Level 1 Negative Green. Yellow.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Amber. Red.

Odour : Chek-Stix Liquid QC + Sediment, Level 1 Negative Odourless.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Odourless.

Odour threshold : Not relevant/applicable due to nature of the product.

Melting point/freezing point : Not relevant/applicable due to nature of the product.

Softening point : Not relevant/applicable due to nature of the product.

Sublimation temperature : Not relevant/applicable due to nature of the product.

Initial boiling point and boiling range : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Flammability : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Lower and upper explosion limit : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Flash point : Chek-Stix Liquid QC + Sediment, Level 1 Negative [Product does not sustain combustion.]
Chek-Stix Liquid QC + Sediment, Level 2 Positive [Product does not sustain combustion.]

	Closed cup			Open cup		
Ingredient name	**°C**	**°F**	**Method**	**°C**	**°F**	**Method**
Chek-Stix Liquid QC + Sediment, Level 1 Negative						
2-imino-1-methylimidazolidin-4-one				290	554	
Chek-Stix Liquid QC + Sediment, Level 2 Positive						
pyrrole	38.89	102				

SECTION 9: Physical and chemical properties

Auto-ignition temperature : Not relevant/applicable due to nature of the product.

Ingredient name	°C	°F	Method
Chek-Stix Liquid QC + Sediment, Level 1 Negative			
sodium azide	309	588.2	EU A.16

Decomposition temperature : Not relevant/applicable due to nature of the product.

pH : Chek-Stix Liquid QC + Sediment, Level 1 Negative 8
Chek-Stix Liquid QC + Sediment, Level 2 Positive 8

Kinematic viscosity : Not relevant/applicable due to nature of the product.

Viscosity : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Solubility in water : Not relevant/applicable due to nature of the product.

Miscible with water : Not relevant/applicable due to nature of the product.

Partition coefficient: n-octanol/water : Not relevant/applicable due to nature of the product.

Vapour pressure :

	Vapour Pressure at 20˚C			Vapour pressure at 50˚C		
Ingredient name	**mm Hg**	**kPa**	**Method**	**mm Hg**	**kPa**	**Method**
Chek-Stix Liquid QC + Sediment, Level 1 Negative						
water	23.8	3.2				
Chek-Stix Liquid QC + Sediment, Level 2 Positive						
water	23.8	3.2				

Evaporation rate : Not relevant/applicable due to nature of the product.

Relative density : Chek-Stix Liquid QC + Sediment, Level 1 Negative 1.01
Chek-Stix Liquid QC + Sediment, Level 2 Positive 1.03

Density : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Relative vapour density : Not relevant/applicable due to nature of the product.

Explosive properties : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Oxidising properties : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

Particle characteristics

Median particle size : Not relevant/applicable due to nature of the product.

Aspect ratio : Not relevant/applicable due to nature of the product.

Specific surface area : Not relevant/applicable due to nature of the product.

Shape : Chek-Stix Liquid QC + Sediment, Level 1 Negative Not relevant/applicable due to nature of the product.
Chek-Stix Liquid QC + Sediment, Level 2 Positive Not relevant/applicable due to nature of the product.

SECTION 9: Physical and chemical properties

Crystallinity	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not relevant/applicable due to nature of the product.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not relevant/applicable due to nature of the product.
Percentage of particles with aerodynamic diameter ≤ 10 µm	:	Not relevant/applicable due to nature of the product.	
Additional information	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not relevant/applicable due to nature of the product.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not relevant/applicable due to nature of the product.

9.2 Other information

Fire point	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not relevant/applicable due to nature of the product.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not relevant/applicable due to nature of the product.
Burning time	:	Not relevant/applicable due to nature of the product.	
Fundamental burning velocity	:	Not relevant/applicable due to nature of the product.	
Burning rate	:	Not relevant/applicable due to nature of the product.	
SADT	:	Not relevant/applicable due to nature of the product.	
SAPT	:	Not relevant/applicable due to nature of the product.	
Heat of reaction	:	Not relevant/applicable due to nature of the product.	
Heat of combustion	:	Not relevant/applicable due to nature of the product.	
Flow time (ISO 2431)	:	Not relevant/applicable due to nature of the product.	
Molecular weight	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not relevant/applicable due to nature of the product.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not relevant/applicable due to nature of the product.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific test data related to reactivity available for this product or its ingredients.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	The product is stable.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	The product is stable.
10.3 Possibility of hazardous reactions	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Under normal conditions of storage and use, hazardous reactions will not occur.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.
10.5 Incompatible materials	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.

SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — 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

Conclusion/Summary : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Chek-Stix Liquid QC + Sediment, Level 2 Positive					
2-methyl-2H-isothiazol-3-one	100	300	N/A	0.5	N/A

Irritation/Corrosion

Conclusion/Summary

Skin : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Eyes : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Respiratory : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Sensitisation

Conclusion/Summary

Skin : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Respiratory : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Mutagenicity

Conclusion/Summary : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Carcinogenicity

Conclusion/Summary : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.

Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Reproductive toxicity

SECTION 11: Toxicological information

Conclusion/Summary	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Teratogenicity

Conclusion/Summary	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Potential acute health effects

Eye contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.
Inhalation	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.
Skin contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	May cause an allergic skin reaction.
Ingestion	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.
Inhalation	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.
Skin contact	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Adverse symptoms may include the following: irritation redness
Ingestion	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No specific data.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No specific data.

SECTION 11: Toxicological information

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
Potential delayed effects	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Long term exposure

Potential immediate effects	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
Potential delayed effects	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
General	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.
Mutagenicity	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.
Reproductive toxicity	:	No known significant effects or critical hazards.	
Interactive effects	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

Toxicokinetics

Absorption	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
Distribution	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
Metabolism	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.
Elimination	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

SECTION 11: Toxicological information

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not available.
Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Chek-Stix Liquid QC + Sediment, Level 2 Positive			
2-methyl-2H-isothiazol-3-one	Acute EC50 0.18 ppm Fresh water Acute LC50 0.07 ppm Fresh water	Daphnia - Daphnia magna Fish - Oncorhynchus mykiss	48 hours 96 hours

Conclusion/Summary : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.
Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

12.2 Persistence and degradability

Conclusion/Summary : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.
Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{OC}) : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.
Chek-Stix Liquid QC + Sediment, Level 2 Positive — Not available.

Mobility : Chek-Stix Liquid QC + Sediment, Level 1 Negative — Not available.
Chek-Stix Liquid QC + Sediment, Level 2 Positive — 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 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

Chek-Stix Liquid QC + Sediment, Level 1 Negative	No known significant effects or critical hazards.
Chek-Stix Liquid QC + Sediment, Level 2 Positive	No known significant effects or critical hazards.

SECTION 13: Disposal considerations

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. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste :

Chek-Stix Liquid QC + Sediment, Level 1 Negative	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.
Chek-Stix Liquid QC + Sediment, Level 2 Positive	The classification of the product may meet the criteria for a hazardous waste.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

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 : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

14.1 UN number	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not regulated.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not regulated.
14.2 UN proper shipping name	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.3 Transport hazard class(es)	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.4 Packing group	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.5 Environmental hazards	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	No.
Additional information	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-

ADN

14.1 UN number

SECTION 14: Transport information

	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not regulated.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not regulated.
14.2 UN proper shipping name	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.3 Transport hazard class(es)	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.4 Packing group	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.5 Environmental hazards	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	No.
Additional information	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-

IMDG

14.1 UN number	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not regulated.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not regulated.
14.2 UN proper shipping name	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.3 Transport hazard class(es)	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.4 Packing group	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.5 Environmental hazards	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	No.
Additional information	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-

IATA

14.1 UN number	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not regulated.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not regulated.

SECTION 14: Transport information

14.2 UN proper shipping name	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.3 Transport hazard class(es)	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.4 Packing group	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-
14.5 Environmental hazards	Chek-Stix Liquid QC + Sediment, Level 1 Negative	No.
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	No.
Additional information	Chek-Stix Liquid QC + Sediment, Level 1 Negative	-
	Chek-Stix Liquid QC + Sediment, Level 2 Positive	-

14.6 Special precautions for user :

Chek-Stix Liquid QC + Sediment, Level 1 Negative

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Chek-Stix Liquid QC + Sediment, Level 2 Positive

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments : Not applicable.

Notes : A "-" = not applicable.

SECTION 15: Regulatory information

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

Regulation

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) - Air	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not listed
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not listed
Industrial emissions (integrated pollution prevention and control) - Water	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not listed
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not listed

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Aerosol dispensers	:	Chek-Stix Liquid QC + Sediment, Level 1 Negative	Not applicable.
		Chek-Stix Liquid QC + Sediment, Level 2 Positive	Not applicable.

Seveso Directive

Chek-Stix Liquid QC + Sediment, Level 1 Negative	This product is not controlled under the Seveso Directive.
Chek-Stix Liquid QC + Sediment, Level 2 Positive	This product is not controlled under the Seveso Directive.

National regulations

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment : Not applicable.

SECTION 16: Other information

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

SECTION 16: Other information

RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative
ASTM = American Society of Testing Materials
CEN = European Committee on Standardization
ECHA = European Chemicals Agency
RTECS = Registry of Toxic Effects of Chemical Substances

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Chek-Stix Liquid QC + Sediment, Level 2 Positive Skin Sens. 1, H317	Calculation method

Full text of abbreviated H statements

Chek-Stix Liquid QC + Sediment, Level 2 Positive	
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.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Full text of classifications [CLP/GHS]

Chek-Stix Liquid QC + Sediment, Level 2 Positive	
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Resp. Sens. 1	RESPIRATORY SENSITISATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

Training advice : Provide workers with adequate training to assure that chemicals are handled safely in accordance with national and community legislation.

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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.