(2012 OSHA Hazard Communication Standard (29 CFR 1910.1200))

SAFETY DATA SHEET

SIEMENS

ADVIA Centaur aCCP 100T Kit

SDS # : 10699141

Section 1. Identification

Product identifier : ADVIA Centaur aCCP 100T Kit

Product code : 10699141

Product type : Liquid.

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

Not applicable.

Manufactured/supplied :

Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA
1-877-229-3711

(800) 424-9300 (CHEMTREC) (24/365)

Section 2. Hazards identification

OSHA/HCS status :

ADVIA Centaur aCCP Lite Reagent	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
ADVIA Centaur aCCP Solid Phase Reagent	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
ADVIA Centaur aCCP Ancillary Reagent	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
ADVIA Centaur aCCP High Calibrator	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
ADVIA Centaur aCCP Low Calibrator	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture :

ADVIA Centaur aCCP Lite Reagent	Not classified.
ADVIA Centaur aCCP Solid Phase Reagent	SKIN SENSITIZATION - Category 1
ADVIA Centaur aCCP Ancillary Reagent	SKIN SENSITIZATION - Category 1
ADVIA Centaur aCCP High Calibrator	Not classified.
ADVIA Centaur aCCP Low Calibrator	Not classified.

Additional information : Potentially biohazardous material.

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

GHS label elements

Section 2. Hazards identification

Hazard pictograms :



Signal word :

ADVIA Centaur aCCP Lite Reagent	No signal word.
ADVIA Centaur aCCP Solid Phase Reagent	Warning
ADVIA Centaur aCCP Ancillary Reagent	Warning
ADVIA Centaur aCCP High Calibrator	No signal word.
ADVIA Centaur aCCP Low Calibrator	No signal word.

Hazard statements :

ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Solid Phase Reagent	H317 - May cause an allergic skin reaction.
ADVIA Centaur aCCP Ancillary Reagent	H317 - May cause an allergic skin reaction.
ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Precautionary statements

Prevention :

ADVIA Centaur aCCP Lite Reagent	Not applicable.
ADVIA Centaur aCCP Solid Phase Reagent	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P272 - Contaminated work clothing should not be allowed out of the workplace.
ADVIA Centaur aCCP Ancillary Reagent	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P272 - Contaminated work clothing should not be allowed out of the workplace.
ADVIA Centaur aCCP High Calibrator	Not applicable.
ADVIA Centaur aCCP Low Calibrator	Not applicable.

Response :

ADVIA Centaur aCCP Lite Reagent	Not applicable.
ADVIA Centaur aCCP Solid Phase Reagent	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.
ADVIA Centaur aCCP Ancillary Reagent	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.
ADVIA Centaur aCCP High Calibrator	Not applicable.
ADVIA Centaur aCCP Low Calibrator	Not applicable.

Storage :

ADVIA Centaur aCCP Lite Reagent	Not applicable.
ADVIA Centaur aCCP Solid Phase Reagent	Not applicable.
ADVIA Centaur aCCP Ancillary Reagent	Not applicable.
ADVIA Centaur aCCP High Calibrator	Not applicable.
ADVIA Centaur aCCP Low Calibrator	Not applicable.

Disposal :

ADVIA Centaur aCCP Lite Reagent	Not applicable.
ADVIA Centaur aCCP Solid Phase Reagent	P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
ADVIA Centaur aCCP Ancillary Reagent	P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
ADVIA Centaur aCCP High Calibrator	Not applicable.
ADVIA Centaur aCCP Low Calibrator	Not applicable.

Supplemental label elements :

ADVIA Centaur aCCP Lite Reagent	None known.
ADVIA Centaur aCCP Solid Phase Reagent	None known.
ADVIA Centaur aCCP Ancillary Reagent	None known.
ADVIA Centaur aCCP High Calibrator	None known.
ADVIA Centaur aCCP Low Calibrator	None known.

Section 2. Hazards identification

Hazards not otherwise classified :

ADVIA Centaur aCCP Lite Reagent	None known.
ADVIA Centaur aCCP Solid Phase Reagent	None known.
ADVIA Centaur aCCP Ancillary Reagent	None known.
ADVIA Centaur aCCP High Calibrator	None known.
ADVIA Centaur aCCP Low Calibrator	None known.

Section 3. Composition/information on ingredients

Substance/mixture :

ADVIA Centaur aCCP Lite Reagent	Mixture
ADVIA Centaur aCCP Solid Phase Reagent	Mixture
ADVIA Centaur aCCP Ancillary Reagent	Mixture
ADVIA Centaur aCCP High Calibrator	Mixture
ADVIA Centaur aCCP Low Calibrator	Mixture

Ingredient name	%	CAS number
ADVIA Centaur aCCP Solid Phase Reagent		
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	0.00309	55965-84-9
ADVIA Centaur aCCP Ancillary Reagent		
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	0.00309	55965-84-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

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

Section 4. First aid measures

Description of necessary first aid measures

Eye contact :

ADVIA Centaur aCCP Lite Reagent	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.
ADVIA Centaur aCCP Solid Phase Reagent	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.
ADVIA Centaur aCCP Ancillary Reagent	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.
ADVIA Centaur aCCP High Calibrator	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.
ADVIA Centaur aCCP Low Calibrator	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.

Section 4. First aid measures

Inhalation	:	ADVIA Centaur aCCP Lite Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. 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.
		ADVIA Centaur aCCP Solid Phase Reagent	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 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.
		ADVIA Centaur aCCP Ancillary Reagent	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 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.
		ADVIA Centaur aCCP High Calibrator	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		ADVIA Centaur aCCP Low Calibrator	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	ADVIA Centaur aCCP Lite Reagent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		ADVIA Centaur aCCP Solid Phase Reagent	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.
		ADVIA Centaur aCCP Ancillary Reagent	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.
		ADVIA Centaur aCCP High Calibrator	Flush contaminated skin with plenty of

Section 4. First aid measures

			water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		ADVIA Centaur aCCP Low Calibrator	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	ADVIA Centaur aCCP Lite Reagent	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
		ADVIA Centaur aCCP Solid Phase Reagent	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
		ADVIA Centaur aCCP Ancillary Reagent	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
		ADVIA Centaur aCCP High Calibrator	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
		ADVIA Centaur aCCP Low Calibrator	Wash out mouth with water. Remove victim to fresh air and keep at rest in a

Section 4. First aid measures

position comfortable for breathing. 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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.
Inhalation	:	ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.
Skin contact	:	ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Solid Phase Reagent	May cause an allergic skin reaction.
		ADVIA Centaur aCCP Ancillary Reagent	May cause an allergic skin reaction.
		ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.
Ingestion	:	ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
		ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
		ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	ADVIA Centaur aCCP Lite Reagent	No specific data.
		ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
		ADVIA Centaur aCCP Ancillary Reagent	No specific data.
		ADVIA Centaur aCCP High Calibrator	No specific data.
		ADVIA Centaur aCCP Low Calibrator	No specific data.
Inhalation	:	ADVIA Centaur aCCP Lite Reagent	No specific data.
		ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
		ADVIA Centaur aCCP Ancillary Reagent	No specific data.
		ADVIA Centaur aCCP High Calibrator	No specific data.
		ADVIA Centaur aCCP Low Calibrator	No specific data.

Section 4. First aid measures

Skin contact :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	Adverse symptoms may include the following: irritation redness
ADVIA Centaur aCCP Ancillary Reagent	Adverse symptoms may include the following: irritation redness
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Ingestion :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : 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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : In case of fire, use water spray (fog), foam or dry chemical.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
halogenated compounds
metal oxide/oxides

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.

Section 6. Accidental release measures

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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized 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".

Section 6. Accidental release measures

Environmental precautions : Avoid dispersal of spilled 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).

Methods and materials 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. Approach 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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.

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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

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

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.

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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 8. Exposure controls/personal protection

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.

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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.

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.

Section 9. Physical and chemical properties

Physical state :	ADVIA Centaur aCCP Lite Reagent	Liquid.
	ADVIA Centaur aCCP Solid Phase Reagent	Liquid.
	ADVIA Centaur aCCP Ancillary Reagent	Liquid.
	ADVIA Centaur aCCP High Calibrator	Liquid.
	ADVIA Centaur aCCP Low Calibrator	Liquid.
Color :	ADVIA Centaur aCCP Lite Reagent	Clear.
	ADVIA Centaur aCCP Solid Phase Reagent	Brown.
	ADVIA Centaur aCCP Ancillary Reagent	Clear to pale yellow.
	ADVIA Centaur aCCP High Calibrator	Clear to pale yellow.
	ADVIA Centaur aCCP Low Calibrator	Clear.
Odor :	ADVIA Centaur aCCP Lite Reagent	Odorless.
	ADVIA Centaur aCCP Solid Phase Reagent	Odorless.
	ADVIA Centaur aCCP Ancillary Reagent	Odorless.
	ADVIA Centaur aCCP High Calibrator	Odorless.
	ADVIA Centaur aCCP Low Calibrator	Odorless.
pH :	ADVIA Centaur aCCP Lite Reagent	7.2 to 7.4
	ADVIA Centaur aCCP Solid Phase Reagent	7.3 to 7.5
	ADVIA Centaur aCCP Ancillary Reagent	7.3 to 7.5
	ADVIA Centaur aCCP High Calibrator	7.3 to 7.5
	ADVIA Centaur aCCP Low Calibrator	7.3 to 7.5
Flash point :	ADVIA Centaur aCCP Lite Reagent	[Product does not sustain combustion.]
	ADVIA Centaur aCCP Solid Phase Reagent	[Product does not sustain combustion.]
	ADVIA Centaur aCCP Ancillary Reagent	[Product does not sustain combustion.]
	ADVIA Centaur aCCP High Calibrator	[Product does not sustain combustion.]
	ADVIA Centaur aCCP Low Calibrator	[Product does not sustain combustion.]
Flammability (solid, gas) :	ADVIA Centaur aCCP Lite Reagent	Not relevant/applicable due to nature of the product.
	ADVIA Centaur aCCP Solid Phase Reagent	Not relevant/applicable due to nature of the product.
	ADVIA Centaur aCCP Ancillary Reagent	Not relevant/applicable due to nature of the product.
	ADVIA Centaur aCCP High Calibrator	Not relevant/applicable due to nature of the product.
	ADVIA Centaur aCCP Low Calibrator	Not relevant/applicable due to nature of the product.

Section 9. Physical and chemical properties

Relative density :

ADVIA Centaur aCCP Lite Reagent	1.017
ADVIA Centaur aCCP Solid Phase Reagent	1.023
ADVIA Centaur aCCP Ancillary Reagent	1.028
ADVIA Centaur aCCP High Calibrator	1.011
ADVIA Centaur aCCP Low Calibrator	1.011

Solubility in water :

ADVIA Centaur aCCP Lite Reagent	Not relevant/applicable due to nature of the product.
ADVIA Centaur aCCP Solid Phase Reagent	Not relevant/applicable due to nature of the product.
ADVIA Centaur aCCP Ancillary Reagent	Not relevant/applicable due to nature of the product.
ADVIA Centaur aCCP High Calibrator	Not relevant/applicable due to nature of the product.
ADVIA Centaur aCCP Low Calibrator	Not relevant/applicable due to nature of the product.

Partition coefficient: n-octanol/water :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Auto-ignition temperature :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Viscosity :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Aerosol product

Type of aerosol :

ADVIA Centaur aCCP Lite Reagent	Not applicable.
ADVIA Centaur aCCP Solid Phase Reagent	Not applicable.
ADVIA Centaur aCCP Ancillary Reagent	Not applicable.
ADVIA Centaur aCCP High Calibrator	Not applicable.
ADVIA Centaur aCCP Low Calibrator	Not applicable.

Section 10. Stability and reactivity

Reactivity :

ADVIA Centaur aCCP Lite Reagent	No specific test data related to reactivity available for this product or its ingredients.
ADVIA Centaur aCCP Solid Phase Reagent	No specific test data related to reactivity available for this product or its ingredients.
ADVIA Centaur aCCP Ancillary Reagent	No specific test data related to reactivity available for this product or its ingredients.
ADVIA Centaur aCCP High Calibrator	No specific test data related to reactivity available for this product or its ingredients.
ADVIA Centaur aCCP Low Calibrator	No specific test data related to reactivity available for this product or its ingredients.

Chemical stability :

ADVIA Centaur aCCP Lite Reagent	The product is stable.
ADVIA Centaur aCCP Solid Phase Reagent	The product is stable.
ADVIA Centaur aCCP Ancillary Reagent	The product is stable.
ADVIA Centaur aCCP High Calibrator	The product is stable.
ADVIA Centaur aCCP Low Calibrator	The product is stable.

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

Conditions to avoid :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Section 10. Stability and reactivity

Incompatible materials :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Hazardous decomposition products :

ADVIA Centaur aCCP Lite Reagent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
ADVIA Centaur aCCP Solid Phase Reagent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
ADVIA Centaur aCCP Ancillary Reagent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
ADVIA Centaur aCCP High Calibrator	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
ADVIA Centaur aCCP Low Calibrator	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ADVIA Centaur aCCP Solid Phase Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	53 mg/kg	-
ADVIA Centaur aCCP Ancillary Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	53 mg/kg	-

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ADVIA Centaur aCCP Solid Phase Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Skin - Severe irritant	Human	-	0.01 Percent	-
ADVIA Centaur aCCP Ancillary Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one	Skin - Severe irritant	Human	-	0.01 Percent	-

Section 11. Toxicological information

[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)					

Conclusion/Summary

Skin :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Eyes :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Respiratory :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Sensitization

Not available.

Conclusion/Summary

Skin :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Respiratory :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Mutagenicity

Not available.

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Carcinogenicity

Not available.

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Reproductive toxicity

Not available.

Section 11. Toxicological information

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Teratogenicity

Not available.

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Potential acute health effects

Eye contact :

ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Inhalation :

ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Skin contact :

ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Solid Phase Reagent	May cause an allergic skin reaction.
ADVIA Centaur aCCP Ancillary Reagent	May cause an allergic skin reaction.
ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Section 11. Toxicological information

Ingestion :

ADVIA Centaur aCCP Lite Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Solid Phase Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP Ancillary Reagent	No known significant effects or critical hazards.
ADVIA Centaur aCCP High Calibrator	No known significant effects or critical hazards.
ADVIA Centaur aCCP Low Calibrator	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Inhalation :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Skin contact :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	Adverse symptoms may include the following: irritation redness
ADVIA Centaur aCCP Ancillary Reagent	Adverse symptoms may include the following: irritation redness
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Ingestion :

ADVIA Centaur aCCP Lite Reagent	No specific data.
ADVIA Centaur aCCP Solid Phase Reagent	No specific data.
ADVIA Centaur aCCP Ancillary Reagent	No specific data.
ADVIA Centaur aCCP High Calibrator	No specific data.
ADVIA Centaur aCCP Low Calibrator	No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Potential delayed effects :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Long term exposure

Potential immediate effects :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Potential delayed effects :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Potential chronic health effects

Section 11. Toxicological information

Not available.

Conclusion/Summary :

Not available.	ADVIA Centaur aCCP Lite Reagent
Not available.	ADVIA Centaur aCCP Solid Phase Reagent
Not available.	ADVIA Centaur aCCP Ancillary Reagent
Not available.	ADVIA Centaur aCCP High Calibrator
Not available.	ADVIA Centaur aCCP Low Calibrator

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
ADVIA Centaur aCCP Lite Reagent	
Oral	205479.5 mg/kg
ADVIA Centaur aCCP Solid Phase Reagent	
Oral	176996.5 mg/kg
ADVIA Centaur aCCP Ancillary Reagent	
Oral	176991.2 mg/kg

Interactive effects :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Other information :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Section 12. Ecological information

Toxicity

Not available.

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Persistence and degradability

Conclusion/Summary :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Section 12. Ecological information

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{OC}) :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Mobility :

ADVIA Centaur aCCP Lite Reagent	Not available.
ADVIA Centaur aCCP Solid Phase Reagent	Not available.
ADVIA Centaur aCCP Ancillary Reagent	Not available.
ADVIA Centaur aCCP High Calibrator	Not available.
ADVIA Centaur aCCP Low Calibrator	Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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

Section 14. Transport information

DOT Classification

UN number	ADVIA Centaur aCCP Lite Reagent	Not regulated.
	ADVIA Centaur aCCP Solid Phase Reagent	Not regulated.
	ADVIA Centaur aCCP Ancillary Reagent	Not regulated.
	ADVIA Centaur aCCP High Calibrator	Not regulated.
	ADVIA Centaur aCCP Low Calibrator	Not regulated.
UN proper shipping name	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Transport hazard class(es)	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Packing group	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

Section 14. Transport information

Environmental hazards	ADVIA Centaur aCCP Lite Reagent	No.
	ADVIA Centaur aCCP Solid Phase Reagent	No.
	ADVIA Centaur aCCP Ancillary Reagent	No.
	ADVIA Centaur aCCP High Calibrator	No.
	ADVIA Centaur aCCP Low Calibrator	No.
Additional information	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

TDG Classification

UN number	ADVIA Centaur aCCP Lite Reagent	Not regulated.
	ADVIA Centaur aCCP Solid Phase Reagent	Not regulated.
	ADVIA Centaur aCCP Ancillary Reagent	Not regulated.
	ADVIA Centaur aCCP High Calibrator	Not regulated.
	ADVIA Centaur aCCP Low Calibrator	Not regulated.
UN proper shipping name	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Transport hazard class(es)	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Packing group	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Environmental hazards	ADVIA Centaur aCCP Lite Reagent	No.
	ADVIA Centaur aCCP Solid Phase Reagent	No.
	ADVIA Centaur aCCP Ancillary Reagent	No.
	ADVIA Centaur aCCP High Calibrator	No.
	ADVIA Centaur aCCP Low Calibrator	No.
Additional information	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

ADR/RID

UN number	ADVIA Centaur aCCP Lite Reagent	Not regulated.
	ADVIA Centaur aCCP Solid Phase Reagent	Not regulated.
	ADVIA Centaur aCCP Ancillary Reagent	Not regulated.
	ADVIA Centaur aCCP High Calibrator	Not regulated.
	ADVIA Centaur aCCP Low Calibrator	Not regulated.
UN proper shipping name	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

Section 14. Transport information

Transport hazard class(es)	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Packing group	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Environmental hazards	ADVIA Centaur aCCP Lite Reagent	No.
	ADVIA Centaur aCCP Solid Phase Reagent	No.
	ADVIA Centaur aCCP Ancillary Reagent	No.
	ADVIA Centaur aCCP High Calibrator	No.
	ADVIA Centaur aCCP Low Calibrator	No.
Additional information	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

IMDG

UN number	ADVIA Centaur aCCP Lite Reagent	Not regulated.
	ADVIA Centaur aCCP Solid Phase Reagent	Not regulated.
	ADVIA Centaur aCCP Ancillary Reagent	Not regulated.
	ADVIA Centaur aCCP High Calibrator	Not regulated.
	ADVIA Centaur aCCP Low Calibrator	Not regulated.
UN proper shipping name	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Transport hazard class(es)	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Packing group	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Environmental hazards	ADVIA Centaur aCCP Lite Reagent	No.
	ADVIA Centaur aCCP Solid Phase Reagent	No.
	ADVIA Centaur aCCP Ancillary Reagent	No.
	ADVIA Centaur aCCP High Calibrator	No.
	ADVIA Centaur aCCP Low Calibrator	No.
Additional information	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

IATA

Section 14. Transport information

UN number	ADVIA Centaur aCCP Lite Reagent	Not regulated.
	ADVIA Centaur aCCP Solid Phase Reagent	Not regulated.
	ADVIA Centaur aCCP Ancillary Reagent	Not regulated.
	ADVIA Centaur aCCP High Calibrator	Not regulated.
	ADVIA Centaur aCCP Low Calibrator	Not regulated.
UN proper shipping name	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Transport hazard class(es)	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Packing group	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-
Environmental hazards	ADVIA Centaur aCCP Lite Reagent	No.
	ADVIA Centaur aCCP Solid Phase Reagent	No.
	ADVIA Centaur aCCP Ancillary Reagent	No.
	ADVIA Centaur aCCP High Calibrator	No.
	ADVIA Centaur aCCP Low Calibrator	No.
Additional information	ADVIA Centaur aCCP Lite Reagent	-
	ADVIA Centaur aCCP Solid Phase Reagent	-
	ADVIA Centaur aCCP Ancillary Reagent	-
	ADVIA Centaur aCCP High Calibrator	-
	ADVIA Centaur aCCP Low Calibrator	-

Special precautions for user :	ADVIA Centaur aCCP Lite Reagent	**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.
	ADVIA Centaur aCCP Solid Phase Reagent	**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.
	ADVIA Centaur aCCP Ancillary Reagent	**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.
	ADVIA Centaur aCCP High Calibrator	**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.
	ADVIA Centaur aCCP Low Calibrator	**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know

Section 14. Transport information

what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 8(a) PAIR**: 1,1'-oxydipropan-2-ol
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): Not determined.
Clean Water Act (CWA) 311: disodium hydrogenorthophosphate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ (lbs)	SARA 302 TPQ (gallons)	SARA 304 RQ (lbs)	SARA 304 RQ (gallons)
ADVIA Centaur aCCP Lite Reagent sodium azide	0.09	Yes.	500	-	1000	-
ADVIA Centaur aCCP High Calibrator sodium azide	0.09	Yes.	500	-	1000	-
ADVIA Centaur aCCP Low Calibrator sodium azide	0.09	Yes.	500	-	1000	-

SARA 304 RQ : 3750705 lbs / 1702820.1 kg

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
ADVIA Centaur aCCP Solid Phase Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	0.00309	No.	No.	No.	Yes.	No.
ADVIA Centaur aCCP Ancillary Reagent reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-	0.00309	No.	No.	No.	Yes.	No.

Section 15. Regulatory information

3-one [EC no. 220-239-6] (3:1)						

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

International regulations

Chemical Weapons Convention List Schedule I Chemicals :

ADVIA Centaur aCCP Lite Reagent	Not listed
ADVIA Centaur aCCP Solid Phase Reagent	Not listed
ADVIA Centaur aCCP Ancillary Reagent	Not listed
ADVIA Centaur aCCP High Calibrator	Not listed
ADVIA Centaur aCCP Low Calibrator	Not listed

Chemical Weapons Convention List Schedule II Chemicals :

ADVIA Centaur aCCP Lite Reagent	Not listed
ADVIA Centaur aCCP Solid Phase Reagent	Not listed
ADVIA Centaur aCCP Ancillary Reagent	Not listed
ADVIA Centaur aCCP High Calibrator	Not listed
ADVIA Centaur aCCP Low Calibrator	Not listed

Chemical Weapons Convention List Schedule III Chemicals :

ADVIA Centaur aCCP Lite Reagent	Not listed
ADVIA Centaur aCCP Solid Phase Reagent	Not listed
ADVIA Centaur aCCP Ancillary Reagent	Not listed
ADVIA Centaur aCCP High Calibrator	Not listed
ADVIA Centaur aCCP Low Calibrator	Not listed

Section 16. Other information

History

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Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Indicates information that has changed from previously issued version.