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

SAFETY DATA SHEET

SIEMENS

Syva® Creatinine Validity Test

MSDS no. SY3T019

Section 1. Identification

GHS product identifier : Syva® Creatinine Validity Test

Product code : 3T019, 3T519, 10445265, 10445287

Other means of identification : Syva® Creatinine Validity Test, Reagent 1 3T019, 3T519
Syva® Creatinine Validity Test, Reagent 2 3T019, 3T519

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 :
- Syva® Creatinine Validity Test, Reagent 1: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Syva® Creatinine Validity Test, Reagent 2: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture :
- Syva® Creatinine Validity Test, Reagent 1: SKIN CORROSION/IRRITATION - Category 2; SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
- Syva® Creatinine Validity Test, Reagent 2: Not classified.

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

GHS label elements

Hazard pictograms :



Signal word :
- Syva® Creatinine Validity Test, Reagent 1: Warning
- Syva® Creatinine Validity Test, Reagent 2: No signal word.

Hazard statements :
- Syva® Creatinine Validity Test, Reagent 1: H319 - Causes serious eye irritation. H315 - Causes skin irritation.
- Syva® Creatinine Validity Test, Reagent 2: No known significant effects or critical hazards.

Precautionary statements

Prevention :
- Syva® Creatinine Validity Test, Reagent 1: P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Syva® Creatinine Validity Test, Reagent 2: Not applicable.

Section 2. Hazards identification

Response	:	Syva® Creatinine Validity Test, Reagent 1	P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. P332 + P313 - If skin irritation occurs: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
		Syva® Creatinine Validity Test, Reagent 2	Not applicable.
Storage	:	Syva® Creatinine Validity Test, Reagent 1	Not applicable.
		Syva® Creatinine Validity Test, Reagent 2	Not applicable.
Disposal	:	Syva® Creatinine Validity Test, Reagent 1	Not applicable.
		Syva® Creatinine Validity Test, Reagent 2	Not applicable.
Supplemental label elements	:	Syva® Creatinine Validity Test, Reagent 1	None known.
		Syva® Creatinine Validity Test, Reagent 2	None known.
Hazards not otherwise classified	:	Syva® Creatinine Validity Test, Reagent 1	None known.
		Syva® Creatinine Validity Test, Reagent 2	None known.

Section 3. Composition/information on ingredients

Substance/mixture	:	Syva® Creatinine Validity Test, Reagent 1	Mixture
		Syva® Creatinine Validity Test, Reagent 2	Mixture

Ingredient name	%	CAS number
Syva® Creatinine Validity Test, Reagent 1 sodium hydroxide	0.8	1310-73-2

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	:	Syva® Creatinine Validity Test, Reagent 1	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.
		Syva® Creatinine Validity Test, Reagent 2	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.
Inhalation	:	Syva® Creatinine Validity Test, Reagent 1	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.

Section 4. First aid measures

			Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
		Syva® Creatinine Validity Test, Reagent 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	Syva® Creatinine Validity Test, Reagent 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
		Syva® Creatinine Validity Test, Reagent 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Syva® Creatinine Validity Test, Reagent 1	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.
		Syva® Creatinine Validity Test, Reagent 2	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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	Syva® Creatinine Validity Test, Reagent 1	Causes serious eye irritation.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Inhalation	:	Syva® Creatinine Validity Test, Reagent 1	No known significant effects or critical hazards.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Skin contact	:	Syva® Creatinine Validity Test, Reagent 1	Causes skin irritation.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Ingestion	:	Syva® Creatinine Validity Test, Reagent 1	Irritating to mouth, throat and stomach.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.

Section 4. First aid measures

Over-exposure signs/symptoms

Eye contact	:	Syva® Creatinine Validity Test, Reagent 1	Adverse symptoms may include the following: pain or irritation watering redness
		Syva® Creatinine Validity Test, Reagent 2	No specific data.
Inhalation	:	Syva® Creatinine Validity Test, Reagent 1	No specific data.
		Syva® Creatinine Validity Test, Reagent 2	No specific data.
Skin contact	:	Syva® Creatinine Validity Test, Reagent 1	Adverse symptoms may include the following: irritation redness
		Syva® Creatinine Validity Test, Reagent 2	No specific data.
Ingestion	:	Syva® Creatinine Validity Test, Reagent 1	No specific data.
		Syva® Creatinine Validity Test, Reagent 2	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.

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 : No specific data.

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 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".

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). Do not ingest. Avoid contact with eyes, skin and clothing. 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

Ingredient name	Exposure limits
Syva® Creatinine Validity Test, Reagent 1 sodium hydroxide	**ACGIH TLV (United States, 6/2013).** C: 2 mg/m³ **NIOSH REL (United States, 10/2013).** CEIL: 2 mg/m³ **OSHA PEL (United States, 2/2013).** TWA: 2 mg/m³ 8 hours. **OSHA PEL 1989 (United States, 3/1989).** CEIL: 2 mg/m³

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.

Section 8. Exposure controls/personal protection

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: chemical splash goggles.

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 : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Physical state	:	Syva® Creatinine Validity Test, Reagent 1	Liquid.
		Syva® Creatinine Validity Test, Reagent 2	Liquid.
Color	:	Syva® Creatinine Validity Test, Reagent 1	Clear.
		Syva® Creatinine Validity Test, Reagent 2	Yellow. [Light]
Odor	:	Syva® Creatinine Validity Test, Reagent 1	Odorless.
		Syva® Creatinine Validity Test, Reagent 2	Odorless.
pH	:	Syva® Creatinine Validity Test, Reagent 1	12.1 [Conc. (% w/w): 0.8%]
		Syva® Creatinine Validity Test, Reagent 2	2.3
Flash point	:	Syva® Creatinine Validity Test, Reagent 1	[Product does not sustain combustion.]
		Syva® Creatinine Validity Test, Reagent 2	[Product does not sustain combustion.]
Flammability (solid, gas)	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Relative density	:	Syva® Creatinine Validity Test, Reagent 1	1
		Syva® Creatinine Validity Test, Reagent 2	1
Solubility in water	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Partition coefficient: n-octanol/water	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Auto-ignition temperature	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Viscosity	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Section 10. Stability and reactivity

Reactivity : Syva® Creatinine Validity Test, Reagent 1 — No specific test data related to reactivity available for this product or its ingredients.
Syva® Creatinine Validity Test, Reagent 2 — No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : Syva® Creatinine Validity Test, Reagent 1 — The product is stable.
Syva® Creatinine Validity Test, Reagent 2 — The product is stable.

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

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

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

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Conclusion/Summary : Syva® Creatinine Validity Test, Reagent 1 — Not available.
Syva® Creatinine Validity Test, Reagent 2 — Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Syva® Creatinine Validity Test, Reagent 1					
sodium hydroxide	Eyes - Severe irritant	Monkey	-	24 hours 1 Percent	-
	Eyes - Mild irritant	Rabbit	-	400 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	24 hours 50 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	1 Percent	-
	Eyes - Severe irritant	Rabbit	-	0.5 minutes 1 milligrams	-
	Skin - Mild irritant	Human	-	24 hours 2 Percent	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 milligrams	-

Conclusion/Summary

Skin : Syva® Creatinine Validity Test, Reagent 1 — Not available.
Syva® Creatinine Validity Test, Reagent 2 — Not available.

Eyes : Syva® Creatinine Validity Test, Reagent 1 — Not available.
Syva® Creatinine Validity Test, Reagent 2 — Not available.

Respiratory : Syva® Creatinine Validity Test, Reagent 1 — Not available.
Syva® Creatinine Validity Test, Reagent 2 — Not available.

Sensitization

Not available.

Conclusion/Summary

Skin : Syva® Creatinine Validity Test, Reagent 1 — Not available.
Syva® Creatinine Validity Test, Reagent 2 — Not available.

Section 11. Toxicological information

Respiratory	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Mutagenicity

Not available.

Conclusion/Summary	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Carcinogenicity

Not available.

Conclusion/Summary	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Reproductive toxicity

Not available.

Conclusion/Summary	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Teratogenicity

Not available.

Conclusion/Summary	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	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	:	Not available.

Potential acute health effects

Eye contact	:	Syva® Creatinine Validity Test, Reagent 1	Causes serious eye irritation.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Inhalation	:	Syva® Creatinine Validity Test, Reagent 1	No known significant effects or critical hazards.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Skin contact	:	Syva® Creatinine Validity Test, Reagent 1	Causes skin irritation.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.
Ingestion	:	Syva® Creatinine Validity Test, Reagent 1	Irritating to mouth, throat and stomach.
		Syva® Creatinine Validity Test, Reagent 2	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	Syva® Creatinine Validity Test, Reagent 1	Adverse symptoms may include the following: pain or irritation watering redness
		Syva® Creatinine Validity Test, Reagent 2	No specific data.
Inhalation	:	Syva® Creatinine Validity Test, Reagent 1	No specific data.
		Syva® Creatinine Validity Test, Reagent 2	No specific data.

Section 11. Toxicological information

Skin contact	:	Syva® Creatinine Validity Test, Reagent 1	Adverse symptoms may include the following: irritation redness
		Syva® Creatinine Validity Test, Reagent 2	No specific data.
Ingestion	:	Syva® Creatinine Validity Test, Reagent 1	No specific data.
		Syva® Creatinine Validity Test, Reagent 2	No specific data.

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

Short term exposure

Potential immediate effects	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Potential delayed effects	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Long term exposure

Potential immediate effects	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Potential delayed effects	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	:	Not available.	Syva® Creatinine Validity Test, Reagent 1
		Not available.	Syva® Creatinine Validity Test, Reagent 2
General	:	No known significant effects or critical hazards.	
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

Not available.

Interactive effects	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.
Other information	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Syva® Creatinine Validity Test, Reagent 1 sodium hydroxide	Acute EC50 40.38 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 125 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

Conclusion/Summary	:	Syva® Creatinine Validity Test, Reagent 1	Not available.
		Syva® Creatinine Validity Test, Reagent 2	Not available.

Persistence and degradability

Section 12. Ecological information

Conclusion/Summary : Syva® Creatinine Validity Test, Reagent 1 Not available.
Syva® Creatinine Validity Test, Reagent 2 Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Syva® Creatinine Validity Test, Reagent 1 Not available.
Syva® Creatinine Validity Test, Reagent 2 Not available.

Mobility : Syva® Creatinine Validity Test, Reagent 1 Not available.
Syva® Creatinine Validity Test, Reagent 2 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	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

TDG Classification

UN number	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

Section 14. Transport information

Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

Mexico Classification

UN number	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

ADR/RID

UN number	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

IMDG

UN number	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

Section 14. Transport information

Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

IATA

UN number	Syva® Creatinine Validity Test, Reagent 1	Not regulated.
	Syva® Creatinine Validity Test, Reagent 2	Not regulated.
UN proper shipping name	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Transport hazard class(es)	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Packing group	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-
Environmental hazards	Syva® Creatinine Validity Test, Reagent 1	No.
	Syva® Creatinine Validity Test, Reagent 2	No.
Additional information	Syva® Creatinine Validity Test, Reagent 1	-
	Syva® Creatinine Validity Test, Reagent 2	-

Special precautions for user :	Syva® Creatinine Validity Test, Reagent 1	**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.
	Syva® Creatinine Validity Test, Reagent 2	**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.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations :

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 307: 2,4,6-trinitrophenol

Clean Water Act (CWA) 311: sodium hydroxide; 2,4,6-trinitrophenol

Section 15. Regulatory information

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		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Syva® Creatinine Validity Test, Reagent 1 sodium azide	0.05	Yes.	500	-	1000	-

SARA 304 RQ : 2002222.2 lbs / 909008.9 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
Syva® Creatinine Validity Test, Reagent 1 sodium hydroxide	0.8	No.	No.	No.	Yes.	No.

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	:	Syva® Creatinine Validity Test, Reagent 1	Not listed
		Syva® Creatinine Validity Test, Reagent 2	Not listed
Chemical Weapons Convention List Schedule II Chemicals	:	Syva® Creatinine Validity Test, Reagent 1	Not listed
		Syva® Creatinine Validity Test, Reagent 2	Not listed
Chemical Weapons Convention List Schedule III Chemicals	:	Syva® Creatinine Validity Test, Reagent 1	Not listed
		Syva® Creatinine Validity Test, Reagent 2	Not listed

Section 16. Other information

History

Date of issue/Date of revision : 1/22/2016.

Version : 1.04

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 73/78 = 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.

Notice to reader

Allergen : **Not available.**