

Safety Data Sheet

Doc ID: SDS-0094	Effective Date: 1/21/2019	Revision: A
Trade name	Colloidal Iron Stain Kit	

Section 1. Identification of the Substance/Kit and the Company



1.1 Product Identifier	Product Name: Colloidal Iron Stain Kit Product Number: KT-007	
1.2 Intended use	EN: Laboratory reagent. For professional use only. DA: Laboratoriereagens. Kun til professionelt brug. DE: Laboratoriumreagens. Alleen voor professioneel gebruik. EL: Αντιδραστήριο εργαστηρίου. Για επαγγελματική χρήση μόνο. ES: Reactivo de laboratorio. Sólo para uso profesional. FR: Réactif de laboratoire. Pour un usage professionnel uniquement. IT: Laboratorio di reagente. Solo per uso professionale. NL: Laboratoriumreagens. Alleen voor professioneel gebruik. PT: Reagente de laboratório. Para uso profissional. SV: Laboratoriereagens. Endast för yrkesmässig användning.	
1.3 Details of the supplier of the safety data sheet	Manufacturer	Diagnostic BioSystems (DBS)
	Address	6616 Owens Drive Pleasanton, CA 94588 U.S.A.
	Phone Number	925-484-3350
	Fax Number	925-484-3390
	E-mail	customersupport@dbiosys.com
	Website	www.dbiosys.com




Section 2. Hazards Identification

2.1 GHS Classification	Skin irritation (Category 2) – H315 Serious eye damage (Category 1) – H318 Corrosive to metals (Category 1) – H290 Acute aquatic toxicity (Category 3) – H402 Chronic aquatic toxicity (Category 3) – H412 Skin sensitization (Category 1) H317
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Classification: Directive 1999/45/EC			
	C, R38, R41; S26, S36/37/39 EN: Corrosive DA: Ætsende DE: Ätzend EL: Διαβρωτικό ES: Corrosivo FR: Corrosif IT: Corrosivo NL: Bijtend PT: Corrosivo SV: Frätande	N: R31 EN: Dangerous for the environment DA: Miljøfarlig DE: Umweltgefährlich EL: Επικίνδυνο για το περιβάλλον ES: Peligroso para el medio ambiente FR: Dangereux pour l'environnement IT: Pericoloso per l'ambiente NL: Milieugevaarlijk PT: Perigoso para o ambiente SV: Miljöfarlig	
	For full text of R- & S- phrases: see Section 15.	For full text of R- & S- phrases: see Section 15.	

2.2 Label Elements	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Pictogram(s):</td> <td style="text-align: center;">  </td> </tr> <tr> <td>Signal Word:</td> <td style="text-align: center;">Danger</td> </tr> <tr> <td>Hazard Statement(s):</td> <td> H290 – May be corrosive to metals H315 – Causes skin irritation H318 – Causes serious eye damage H412 – Harmful to aquatic life with long lasting effects H317 – May cause an allergic skin reaction </td> </tr> <tr> <td>Precautionary statement(s):</td> <td> P202 – Do not handle until all safety precautions [on SDS] have been read and understood </td> </tr> <tr> <td>Precautionary statements not listed on label:</td> <td> P302+ P352 - IF ON SKIN: Wash with plenty of soap and water P305 + P351 + P310- IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CETNER/ doctor. P273 – Avoid release to the environment P501 – Dispose of contents/ container to an approved waste disposal plant </td> </tr> </table>	Pictogram(s):		Signal Word:	Danger	Hazard Statement(s):	H290 – May be corrosive to metals H315 – Causes skin irritation H318 – Causes serious eye damage H412 – Harmful to aquatic life with long lasting effects H317 – May cause an allergic skin reaction	Precautionary statement(s):	P202 – Do not handle until all safety precautions [on SDS] have been read and understood	Precautionary statements not listed on label:	P302+ P352 - IF ON SKIN: Wash with plenty of soap and water P305 + P351 + P310- IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CETNER/ doctor. P273 – Avoid release to the environment P501 – Dispose of contents/ container to an approved waste disposal plant
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NFPA Scale: 0-4			
HMIS (U.S.A.) Scale: 0-4	HEALTH	2	
	FLAMMABILITY	0	
	PHYSICAL HAZARD	0	
	PERSONAL PROTECTION	G	
2.3 Other Hazards	PBT: This Kit does not contain any substances that are assessed to be a PBT. vPvB: This Kit does not contain any substances that are assessed to be a vPvB.		

Section 3. Composition and Information on Ingredients

See components SDS

Section 4. First Aid Measures

See components SDS

Section 5. Fire Fighting Measures

See components SDS

Section 6. Accidental Release Measures

See components SDS

Section 7. Handling and Storage

7.1 Precautions for safe handling.

Avoid damaging kit.

7.2 Conditions for safe storage, including any incompatibilities.

Store in well ventilated area.

Store at 15-30°C.

7.3 Specific end use(s).

See section 1.2

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Section 8. Exposure Controls / Personal Protection

See components SDS

Section 9. Physical and Chemical Properties

See components SDS

Section 10. Stability and Reactivity

See components SDS

Section 11. Toxicological Information

See components SDS

Section 12. Ecological Information

See components SDS

Section 13. Disposal Considerations

See components SDS

Section 14. Transport Information

14.1 UN Number DOT, IATA,IMDG, ADR	DOT: Not dangerous goods ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
14.2 UN Proper Shipping Name DOT, IATA,IMDG, ADR	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods DOT: Not dangerous goods
14.3 Transport Hazard Class(es)	DOT: Not dangerous goods IATA: Not dangerous goods IMDG: Not dangerous goods ADR/RID: Not dangerous goods
14.4 Packing Group DOT, IATA,IMDG, ADR	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods DOT: Not dangerous goods
14.5 Environmental Hazards	Marine Pollutant: No
14.6 Special Precautions for User	Not applicable.

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Section 15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Kit.	
Extremely Hazardous Substances; Section 355	None of the components in this Kit are listed.
Toxic Substances Control Act; TSCA	All of the components in this Kit are listed.
California Proposition 65	None of the components in this Kit are listed.
Right To Know Components	<p><u>Hydrochloric Acid:c</u> California Massachusetts Minnesota New Jersey Pennsylvania</p> <p><u>Picric Acid:</u> California Massachusetts Minnesota New Jersey Pennsylvania</p>
15.2 Chemical Safety Assessment	No Chemical Safety Assessment has been carried out for this substance/Kit by DBS.
R phrases	<p>R38 EN: Irritating to skin. DA: Irriterer huden. DE: Reizt die Haut. EL: Ερεθίζει το δέρμα. ES: Irrita la piel. FR: Irritant pour la peau. IT: Irritante per la pelle. NL: Irriterend voor de huid. PT: Irriterend voor de huid. SV: Irriterar huden.</p> <p>R41 EN: Risk of serious damage to eyes. DA: Risiko for alvorlig øjenskade. DE: Gefahr ernster Augenschäden. EL: Κίνδυνος σοβαρών οφθαλμικών βλαβών. ES: Riesgo de lesiones oculares graves. FR: Risque de lésions oculaires graves. IT: Rischio di gravi lesioni oculari. NL: Gevaar voor ernstig oogletsel. PT: Risco de lesões oculares graves. SV: Risk för allvarliga ögonskador.</p> <p>R31 EN: Contact with acids liberates toxic gas. DA: Udvikler giftig gas ved kontakt med syre. DE: Entwickelt bei Berührung mit Säure giftige Gase. EL: Σε επαφή με οξέα ελευθερώνονται τοξικά αέρια. ES: Σε επαφή με οξέα ελευθερώνονται τοξικά αέρια. FR: Au contact d'un acide, dégage un gaz toxique. IT: A contatto con acidi libera gas tossico. NL: Vormt vergiftige gassen in contact met zuren. PT: Em contacto com ácidos liberta gases tóxicos. SV: Utvecklar giftig gas vid kontakt med syra.</p>

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S phrases	<p>S26 EN: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. DA: Kommer stoffet i øjnene, skylles straks grundigt med vand og læge kontaktes. DE: Bei Berührung mit den Augen sofort gründlich mit Wasser abspülen und Arzt konsultieren. EL: Σε περίπτωση επαφής με τα μάτια πλύνετε τα αμέσως με άφθονο νερό και ζητήστε ιατρική συμβουλή. ES: En caso de contacto con los ojos, lávense inmediata y abundantemente con agua y acúdase a un médico. FR: En cas de contact avec les yeux, laver immédiatement et abondamment avec de l'eau et consulter un spécialiste. IT: In caso di contatto con gli occhi, lavare immediatamente e abbondantemente con acqua e consultare un medico. NL: Bij aanraking met de ogen onmiddellijk met overvloedig water afspoelen en deskundig medisch advies inwinnen. PT: Em caso de contacto com os olhos, lavar imediata e abundantemente com água e consultar um especialista. SV: id kontakt med ögonen, spola genast med mycket vatten och kontakta läkare.</p> <p>S36/37/39 EN: Wear suitable protective clothing, gloves and eye/face protection. DA: Brug særligt arbejdstøj, egnede beskyttelseshandsker og -briller/ansigtsskærm. DE: Bei der Arbeit geeignete Schutzkleidung, Schutzhandschuhe und Schutzbrille/Gesichtsschutz tragen. EL: Φοράτε κατάλληλη προστατευτική ενδυμασία, γάντια και συσκευή προστασίας ματιών/προσώπου ES: Úsense indumentaria y guantes adecuados y protección para los ojos/la cara. FR: Porter un vêtement de protection approprié, des gants et un appareil de protection des yeux/du visage. IT: Usare indumenti protettivi e guanti adatti e proteggersi gli occhi/la faccia. NL: Draag geschikte beschermende kleding, handschoenen en een beschermingsmiddel voor de ogen/het gezicht. PT: Usar vestuário de protecção, luvas e equipamento protector para os olhos /face adequados. SV: Använd lämpliga skyddskläder, skyddshandskar samt skyddsglasögon eller ansiktsskydd.</p>
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Section 16. Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Diagnostic Biosystems shall not be held liable for any damage resulting from handling or from contact with the above product.