






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

1.1 Product Identifier	Product Name: Orcein Stain Kit (For Hepatitis B and Elastic Fibers) Product Number: HBK-1, HBK-2	
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	ScyTek Laboratories, Inc.
	Address	205 South 600 West Logan, Utah 84321 U.S.A.
	Phone Number	800-729-8350
	Fax Number	435-755-0015
	e-mail	msds@scytek.com
	Website	scytek.com

Section 2. Hazards Identification

2.1 GHS Classification	Serious eye damage (Category 1), H318 Skin irritation (Category 2) – H315 Flammable Liquids (Category 2) – H225 Oxidizing Liquids (Category 2) – H272 Acute aquatic toxicity (Category 2) – H401 Chronic aquatic toxicity (Category 2) – H411		
Classification: Directive 1999/45/EC			
	F R8, R11, R41, R50/53; S7, S16, S24/25, S26, S36/37/39, S45, S61 EN: Highly flammable DA: Meget brandfarlig DE: Leichtentzündlich EL: Πολύ εύφλεκτο ES: Fácilmente inflamable FR: Facilement inflammable IT: Facilmente infiammabile NL: Licht ontvlambaar PT: Facilmente inflamável SV: Mycket brandfarligt	C EN: Corrosive DA: Ætsende DE: Ätzend EL: Διαβρωτικό ES: Corrosivo FR: Corrosif IT: Corrosivo NL: Bijtend PT: Corrosivo SV: Frätande	N: 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

		For full text of R- & S- phrases: see Section 15.	NL: Milieugevaarlijk PT: Perigoso para o ambiente SV: Miljöfarlig'
2.2 Label Elements	Pictogram(s):		
	Signal Word:	Danger	
	Hazard Statement(s):	H315 – Causes skin irritation H318 – Causes serious eye damage H225 – Highly flammable liquid and vapor H272 – May intensify fire; oxidizer H411 – Toxic to aquatic life with long-lasting effects	
	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 - IF IN EYES: Rinse cautiously with water for several minutes. P337 + P315 – If eye irritation persists get immediate medical advice/attention. P273 – Avoid release to the environment	
NFPA Scale: 0-4			
HMIS (U.S.A.) Scale: 0-4	HEALTH	2	
	FLAMMABILITY	3	
	PHYSICAL HAZARD	0	
	PERSONAL PROTECTION	C	
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

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.

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.
RightTo Know Components	<p><u>Ethanol:</u> Massachusetts New Jersey Pennsylvania</p> <p><u>Isopropyl Alcohol:</u> Massachusetts New Jersey Pennsylvania</p> <p><u>Hydrochloric Acid:</u> Massachusetts New Jersey Pennsylvania</p> <p><u>Potassium Permanganate:</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 ScyTek Laboratories, Inc.
R phrases	<p>R8 EN: Contact with combustible material may cause fire. DA: Brandfarlig ved kontakt med brandbare stoffer. DE: Feuergefahr bei Berührung mit brennbaren Stoffen. EL: Η επαφή με καύσιμο υλικό μπορεί να προκαλέσει πυρκαγιά. ES: Peligro de fuego en contacto con materias combustibles. FR: Favorise l'inflammation des matières combustibles. IT: Può provocare l'accensione di materie combustibili. NL: Bevoordert de ontbranding van brandbare stoffen. PT: Favorece a inflamação de matérias combustíveis. SV: Kontakt med brännbart material kan orsaka brand.</p>

	<p>R11 EN: Highly flammable. DA: Meget brandfarlig. DE: Leichtentzündlich. EL: Πολύ εύφλεκτο. ES: Fácilmente inflamable. FR: Facilement inflammable. IT: Facilmente infiammabile. NL: Licht ontvlambaar. PT: Facilmente inflamável. SV: Mycket brandfarligt.</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>R50/53 EN: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. DA: Meget giftig for organismer, der lever i vand; kan forårsage uønskede langtidsvirkninger i vandmiljøet. DE: Sehr giftig für Wasserorganismen, kann in Gewässern längerfristig schädliche Wirkungen haben. EL: Πολύ τοξικό για τους υδρόβιους οργανισμούς, μπορεί να προκαλέσει μακροχρόνιες δυσμενείς επιπτώσεις στο υδάτινο περιβάλλον. ES: Muy tóxico para los organismos acuáticos, puede provocar a largo plazo efectos negativos en el medio ambiente acuático. FR: Très toxique pour les organismes aquatiques, peut entraîner des effets néfastes a long terme pour l'environnement aquatique. IT: Altamente tossico per gli organismi acquatici, può provocare a lungo termine effetti negativi per l'ambiente acquatico. NL: Zeer vergiftig voor in het water levende organismen; kan in het aquatisch milieu op lange termijn schadelijke effecten veroorzaken. PT: Muito tóxico para os organismos aquáticos, podendo causar efeitos nefastos a longo prazo no ambiente aquático. SV: Mycket giftigt för vattenlevande organismer, kan orsaka skadliga långtidseffekter i vattenmiljön.</p>
S phrases	<p>S7 EN: Keep container tightly closed. DA: Emballagen skal holdes tæt lukket. DE: Behälter dicht geschlossen halten. EL: Το δοχείο να διατηρείται ερμητικά κλεισμένο. ES: Manténgase el recipiente bien cerrado. FR: Conserver le récipient bien fermé. IT: Conservare il recipiente ben chiuso. NL: In goed gesloten verpakking bewaren. PT: Manter o recipiente bem fechado. SV: Förpackningen förvaras väl tillsluten.</p> <p>S16 EN: Keep away from sources of ignition - No smoking. DA: Holdes væk fra antændelseskilder - Rygning forbudt. DE: Von Zündquellen fernhalten - Nicht rauchen.</p>

EL: Μακριά από πηγές ανάφλεξης - Απαγορεύεται το κάπνισμα.
 ES: Conservar alejado de toda llama o fuente de chispas - No fumar.
 FR: Conserver a l'écart de toute flamme ou source d'étincelles - Ne pas fumer.
 IT: Conservare lontano da fiamme e scintille - Non fumare.
 NL: Verwijderd houden van ontstekingsbronnen - Niet roken.
 PT: Manter afastado de qualquer chama ou fonte de ignição - Não fumar.
 SV: Förvaras åtskilt från antändningskällor - Rökning förbjuden.

S24/25

EN: Avoid contact with skin and eyes.
 DA: Undgå kontakt med huden og øjnene.
 DE: Berührung mit den Augen und der Haut vermeiden.
 EL: Αποφεύγετε επαφή με το δέρμα και με τα μάτια.
 ES: Evítese el contacto con los ojos y la piel.
 FR: Éviter le contact avec la peau et les yeux.
 IT: Evitare il contatto con gli occhi e con la pelle.
 NL: Aanraking met de ogen en de huid vermijden.
 PT: Evitar o contacto com a pele e os olhos.
 SV: Undvik kontakt med huden och ögonen.

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.

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.

S45

EN: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 DA: Ved ulykkestilfælde eller ved ildebefindende er omgående lægebehandling nødvendig; vis etiketten, hvis det er muligt.
 DE: Bei Unfall oder Unwohlsein sofort Arzt zuziehen (wenn möglich, dieses Etikett vorzeigen).
 EL: Σε περίπτωση ατυχήματος ή αν αισθανθείτε αδιαθεσία ζητήστε αμέσως ιατρική συμβουλή (δείξτε την ετικέτα αν είναι δυνατό).
 ES: En caso de accidente o malestar, acúdase inmediatamente al médico (si es posible, muéstresele la etiqueta).

	<p>FR: En cas d'accident ou de malaise, consulter immédiatement un médecin (si possible lui montrer l'étiquette).</p> <p>IT: In caso di incidente o di malessere consultare immediatamente il medico (se possibile, mostrargli l'etichetta).</p> <p>NL: Bij een ongeval of indien men zich onwel voelt, onmiddellijk een arts raadplegen (indien mogelijk hem dit etiket tonen).</p> <p>PT: Em caso de acidente ou de indisposição, consultar imediatamente o médico (se possível mostrar-lhe o rótulo).</p> <p>SV: Vid olycksfall, illamående eller annan påverkan, kontakta omedelbart läkare. Visa om möjligt etiketten.</p> <p>S61</p> <p>EN: Avoid release to the environment. Refer to special instructions/Safety data sheets.</p> <p>DA: Undgå udledning til miljøet. Se særlig vejledning/leverandørbrugsanvisning.</p> <p>DE: Freisetzung in die Umwelt vermeiden. Besondere Anweisungen einholen/Sicherheitsdatenblatt zu Rate ziehen.</p> <p>EL: Αποφύγετε την ελευθέρωσή του στο περιβάλλον. Αναφερθείτε σε ειδικές οδηγίες/.ελτίο δεδομένων ασφαλείας.</p> <p>ES: Evítese su liberación al medio ambiente. Recábense instrucciones específicas de la ficha de datos de seguridad.</p> <p>FR: Eviter le rejet dans l'environnement. Consulter les instructions spéciales/la fiche de données de sécurité.</p> <p>IT: Non disperdere nell'ambiente. Riferirsi alle istruzioni speciali/ schede informative in materia di sicurezza.</p> <p>NL: Voorkom lozing in het milieu. Vraag om speciale instructies/veiligheidskaart.</p> <p>PT: Evitar a libertação para o ambiente. Obter instruções específicas/fichas de segurança.</p> <p>SV: Undvik utsläpp till miljön. Läs särskilda instruktioner/varuinformationsblad.</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. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.