





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

1.1 Product Identifier	Product Name: Alcian Blue – PAS Stain Kit Product Number: HAPS-1, HAPS-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	Teomics, LLC.
	Address	Energy Research Park 5000 Gulf Freeway, Bldg 5 (114) Houston, Texas 77023
	Phone Number	800-397-3010
	e-mail	msds@teomics.com
	Website	teomics.com

Section 2. Hazards Identification

2.1 GHS Classification	Skin irritation (Category 2) – H315 Serious eye damage (Category 1) – H318 Carcinogenicity (Category 1B) – H350 Acute toxicity, Oral (Category 4) – H302		
Classification: Directive 1999/45/EC	 <p>C R22, R23 R31, R38, R41, R45 S9, S26, S45 EN: Corrosive DA: Ætsende DE: Ätzend EL: Διαβρωτικό ES: Corrosivo FR: Corrosif IT: Corrosivo NL: Bijtend PT: Corrosivo SV: Frätande</p>	 <p>Xn EN: Harmful DA: Sundhedsskadelig DE: Gesundheitsschädlich EL: Επιβλαβές ES: Nocivo FR: Nocif IT: Nocivo NL: Schadelijk PT: Nocivo SV: Hälsoskadlig</p>	

	For full text of R- & S- phrases: see Section 15.										
2.2 Label Elements	Pictogram(s): 	Signal Word: Danger									
	Hazard Statement(s):	H318 – Causes serious eye damage H315 – Causes skin irritation H350 – May cause cancer H335 – May cause respiratory irritation. H302 – Harmful if swallowed.									
	Precautionary statement(s):	P202 – Do not handle until all safety precautions 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 + P315 - IF IN EYES: Rinse cautiously with water for several minutes. Get immediate medical advice/attention.									
NFPA Scale: 0-4											
HMIS (U.S.A.) Scale: 0-4	<table border="1"> <tr> <td>HEALTH</td> <td>2</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>G</td> </tr> </table>	HEALTH	2	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	G		
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.

Mixed component storage. Store blue banded bottles at 2-8° C. Store all other bottles at room temperature.

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: 3316 ADR/RID: 3316 IMDG: 3316 IATA: 3316
14.2 UN Proper Shipping Name DOT, IATA,IMDG, ADR	ADR/RID: Chemical kits IMDG: Chemical kits IATA: Chemical kits DOT: Chemical kits

14.3 Transport Hazard Class(es)	DOT: 9 IATA:9 IMDG: 9 ADR/RID:9
14.4 Packing Group DOT, IATA,IMDG, ADR	ADR/RID: II IMDG: II IATA: II DOT: II
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	Pararosaniline: Warning! This product contains a chemical known to the State of California to cause cancer.
Right To Know Components	Massachusetts, Pennsylvania, and New Jersey Right, California, Minnesota, Rhode Island, to know: Sodium Metabisulphite CAS# 7681-57-4 Hydrochloric Acid CAS# 7647-01-0 Pararosaniline CAS# 569-61-9 Acetic Acid CAS# 64-19-7 Glycerin CAS# 56-81-5
15.2 Chemical Safety Assessment	No Chemical Safety Assessment has been carried out for this substance/Kit by Teomics, LLC.
R phrases	<p>R22 EN: Harmful if swallowed. DA: Farlig ved indtagelse. DE: Gesundheitsschädlich beim Verschlucken. EL: Επιβλαβές σε περίπτωση καταπόσεως. ES: Nocivo por ingestión. FR: Nocif en cas d'ingestion. IT: Nocivo per ingestione. NL: Schadelijk bij opname door de mond. PT: Nocivo por ingestão. SV: Farligt vid förtäring.</p> <p>R23 EN: Toxic by inhalation. DA: Giftig ved indånding. DE: Giftig beim Einatmen. EL: Τοξικό όταν εισπνέεται. ES: Tóxico por inhalación. FR: Toxique par inhalation. IT: Tossico per inalazione. NL: Vergiftig bij inademing. PT: Tóxico por inalação. SV: Giftigt vid inandning.</p> <p>R31 EN: Contact with acids liberates toxic gas. DA: Udvikler giftig gas ved kontakt med syre.</p>

	<p>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> <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 øjenscade. 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>R45 EN: May cause cancer. DA: Kan fremkalde kræft. DE: Kann Krebs erzeugen. FR: Peut provoquer le cancer. IT: Può provocare il cancro. ES: Puede causar cáncer. FR: Risque de lesions 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>S phrases</p>	<p>S9 EN: Keep container in a well-ventilated place. DA: Emballagen skal opbevares på et godt ventileret sted. DE: Behälter an einem gut gelüfteten Ort aufbewahren. EL: Το δοχείο να διατηρείται σε καλά αεριζόμενο μέρος. ES: Conservese el recipiente en lugar bien ventilado. FR: Conserver le récipient dans un endroit bien ventilé. IT: Conservare il recipiente in luogo ben ventilato. NL: Op een goed geventileerde plaats bewaren. PT: Manter o recipiente num local bem ventilado. SV: Förpackningen förvaras på väl ventilerad plats.</p> <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.</p>

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.

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).
FR: En cas d'accident ou de malaise, consulter immédiatement un médecin (si possible lui montrer l'étiquette).
IT: In caso di incidente o di malessere consultare immediatamente il medico (se possibile, mostrargli l'etichetta).
NL: Bij een ongeval of indien men zich onwel voelt, onmiddellijk een arts raadplegen (indien mogelijk hem dit etiket tonen).
PT: Em caso de acidente ou de indisposição, consultar imediatamente o médico (se possível mostrar-lhe o rótulo).
SV: Vid olycksfall, illamående eller annan påverkan, kontakta omedelbart läkare. Visa om möjligt etiketten.

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. Teomics, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.