

Safety Data Sheet [according to Regulation (EC) No. 1907/2006]

Version number: 5.0

Revision date: 13-MAY-2015 (supersedes all previous MSDS or SDS documents provided for this product).

SECTION 1 - Identification of the substance/mixture and of the company/undertaking

1.1	Product Identifiers Product Name: PrepStain™ Density Reagent Product Codes: SPGY-0135-0480; 491332
1.2	Relevant identified uses of the substance or mixture and uses advised against Relevant Identified Uses: In-vitro diagnostics preparation.
1.3	Details of the supplier of the safety data sheet Company: Source BioScience plc 1 Orchard Place Nottingham Business Park Nottingham, NG8 6PX Tel: +44(0)115 973 9018 Fax: +44(0)115 973 9021 E-mail: sales@sourcebioscience.com
1.4	Emergency Telephone Number: +44(0)115 973 9018 Opening hours 08:00 – 18:00 GMT Monday to Friday English language service ONLY.

SECTION 2 - Hazards identification

2.1	Classification of the substance or mixture Not classified as hazardous according to Regulation (EC) No 1272/2008. Contains no substances hazardous to health or the environment at levels above the generic cut of levels stipulated in the Regulation. Not classified as dangerous according to Directive 1999/45/EC.
2.2	Label elements Label according Regulation (EC) No 1272/2008: No specific labelling requirements. Signal word: None
2.3	Other hazards None

SECTION 3 - Composition/information on ingredients

3.2	Mixtures								
	<table border="1"> <thead> <tr> <th>Name</th> <th>CAS No.</th> <th>REACH Registration No.</th> <th>% w/v</th> </tr> </thead> <tbody> <tr> <td>Sodium azide</td> <td>26628-22-8</td> <td>01-2119457019-37-XXXX</td> <td>0.1</td> </tr> </tbody> </table>	Name	CAS No.	REACH Registration No.	% w/v	Sodium azide	26628-22-8	01-2119457019-37-XXXX	0.1
Name	CAS No.	REACH Registration No.	% w/v						
Sodium azide	26628-22-8	01-2119457019-37-XXXX	0.1						
	No other components need to be disclosed according to the applicable regulations.								

SECTION 4 - First aid measures

4.1	Description of first aid measures						
	<table> <tr> <td>General notes:</td> <td>Consult a physician. Show this safety data sheet to the doctor in attendance.</td> </tr> <tr> <td>After skin contact:</td> <td>Wash off with soap and plenty of water and SEEK MEDICAL ADVICE.</td> </tr> <tr> <td>After eye contact:</td> <td>Rinse with water for at least 15 minutes and then SEEK MEDICAL ADVICE.</td> </tr> </table>	General notes:	Consult a physician. Show this safety data sheet to the doctor in attendance.	After skin contact:	Wash off with soap and plenty of water and SEEK MEDICAL ADVICE.	After eye contact:	Rinse with water for at least 15 minutes and then SEEK MEDICAL ADVICE.
General notes:	Consult a physician. Show this safety data sheet to the doctor in attendance.						
After skin contact:	Wash off with soap and plenty of water and SEEK MEDICAL ADVICE.						
After eye contact:	Rinse with water for at least 15 minutes and then SEEK MEDICAL ADVICE.						

	<p>After ingestion: Do NOT induce vomiting. Wash mouth thoroughly with water and SEEK MEDICAL ADVICE. Move person into fresh air. If not breathing, give artificial respiration and SEEK MEDICAL ADVICE.</p> <p>After inhalation: Do NOT induce vomiting. Wash mouth thoroughly with water and SEEK MEDICAL ADVICE. Move person into fresh air. If not breathing, give artificial respiration and SEEK MEDICAL ADVICE.</p>
4.2	<p>Most important symptoms and effects, both acute and delayed Effects as described in section 2.2.</p>
4.3	<p>Indication of any immediate medical attention and special treatment needed No data available.</p>
<p>SECTION 5 - Fire fighting measures</p>	
5.1	<p>Extinguishing media Suitable extinguishing media: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Unsuitable extinguishing media: Standard water based foam.</p>
5.2	<p>Special hazards arising from the substance or mixture product Hazardous combustion products: Carbon and nitrogen oxides.</p>
5.3	<p>Advice for fire-fighters Wear self-contained breathing apparatus.</p>
<p>SECTION 6 - Accidental release measures</p>	
6.1	<p>Personal precautions, protective equipment and emergency procedures Use personal protective equipment – see section 8. For large spillages evacuate area and prevent access to spillage area during clean up.</p>
6.2	<p>Environmental precautions Prevent product from entering surface or ground water drains.</p>
6.3	<p>Methods and materials for containment and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Clean site of spillage with water and detergent. Where appropriate use signage to indicate wet surface / a slip hazard.</p>
6.4	<p>Reference to other sections Refer to sections 8 and 13.</p>
<p>SECTION 7 - Handling and storage</p>	
7.1	<p>Precautions for safe handling Measures to prevent fire: No special measures required. Measures to prevent aerosol and dust generation: Use in a well ventilated area. Measures to protect the environment: Prevent entry to surface drains and ground water. Advice on general occupational health: Do not eat, drink or smoke whilst handling this product. Remove any contaminated clothing or protective equipment before leaving the work area. Wash hands after use.</p>
7.2	<p>Conditions for safe storage Store in between 15 and 30°C in a sealed container away from incompatible materials (see section 10).</p>
<p>SECTION 8 - Exposure controls/personal protection</p>	
8.1	<p>Control parameters The following occupational exposure limit values exist for a substance contained in this product according to EH40/2005 Workplace Exposure Limits (UK). Sodium azide – LTEL 0.1mg.m⁻³ ; STEL 0.3mg.m⁻³ ; Sk.</p>
8.2	<p>Exposure controls Appropriate engineering controls: None. Personal protective equipment: When handling large volumes wear eye protection conforming to EN 166.</p>

Environmental exposure controls: Use natural or nitrile rubber gloves conforming to EN 374 shown to be chemically resistant to categories K and L. Refer to sections 6 and 13.

SECTION 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Clear, colourless liquid
b)	Odour	No data available
c)	Odour threshold	No data available
d)	pH	7.0
e)	Melting point/freezing point	No data available
f)	Initial boiling point and boiling range	No data available
g)	Flash point	>100°C
h)	Evaporation rate	No data available
i)	Flammability	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	1.024 g.cm ⁻³
n)	Solubility(ies)	Miscible with water
o)	Partition coefficient (n-octanol/water)	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidising properties	No data available

SECTION 10 - Stability and Reactivity

10.1 Reactivity

May react with acids and metal compounds over time to produce metal azides which are potentially explosive.

10.2 Chemical stability

Stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

Not data available.

10.4 Conditions to avoid

Storage with incompatible materials.

10.5 Incompatible materials

Acids and metals.

10.6 Hazardous decomposition products

No data available.

SECTION 11 - Toxicological information

11.1 Information on toxicological effects

No test information available for this product.

For Sodium azide	
Acute Toxicity:	LD ₅₀ Oral - Rabbit - 10 mg/kg Category 2 – Oral LC ₅₀ Inhalation - Rat - 37 mg/m ³ Based on the data available the classification criteria are not met. LD ₅₀ Dermal - Rabbit - 20 mg/kg Category 1 – Dermal
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitisation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	Not identified as a probable/possible/confirmed human carcinogen by IARC.
Reproductive toxicity:	No data available.

	STOT – single exposure: STOT – repeated exposure: Aspiration hazard:	No data available. No data available. No data available.
SECTION 12 - Ecological information		
12.1	Toxicity	No test information available for this product.
12.2	Persistence and Degradability	No data available.
12.3	Bioaccumulative potential	No data available.
12.4	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assessment	PBT/vPvB assessment is not available for this product as chemical safety assessment is not required/not conducted.
12.6	Other adverse effects	No data available.
SECTION 13 – Disposal considerations		
13.1	Waste treatment methods Use a licensed waste disposal service to dispose of this material and any container washings. Wash out containers with water before reuse, recycling or disposal of container.	
SECTION 14 - Transport information		
14.1	UN Number	Not applicable. Product not classified as hazardous for transportation.
14.2	UN proper shipping name	Not applicable. Product not classified as hazardous for transportation.
14.3	Transport hazard class(es)	Not applicable. Product not classified as hazardous for transportation.
14.4	Packing group	Not applicable. Product not classified as hazardous for transportation.
14.5	Environmental hazards	Not applicable. Product not classified as hazardous for transportation.
14.6	Special precautions for user	Not applicable. Product not classified as hazardous for transportation.
SECTION 15 - Regulatory information		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture UK legislation: The Management of Health and Safety at work Regulations 1999 [SI 1999 No. 3242] (regulation 3) requires suitable and sufficient assessment of risks in the workplace. Assessment should include arrangements to so far as reasonably practical ensure the safe use, handling, storage and transport of this product. Waste product and packaging should be disposed of in accordance with the Environmental Protection Act 1990 [1990 Chapter 43].	
15.2	Chemical Safety Assessment No chemical safety assessment has been carried out for this product.	
SECTION 16 - Other information		
	The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Source BioScience. However, Source BioScience makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes.	