Revision Date: 1/10/2009
Revision Number: 4
Material/Trade Name: PREPSTAIN ALCOHOL BLEND RINSE

1 - Substance Identification

Material/Trade Name	: PrepStain Alcohol Blend Rinse
Material type	: Rinse blend
Company	: Source BioScience
Address	: 1 Orchard Place Nottingham Business Park Nottingham NG8 6PX
Telephone	: +44 (0) 115 973 9012
Fax	: +44 (0) 115 973 9013
Email	: healthcare@sourcebioscience.com
Emergency Telephone	: **+44 (0) 7980 893013**

2 - Composition

Substance		**% Wt.**	**CAS No.**	**EC No.**
Isopropanol	F;R11 Xi;R36 R67	50%	67-63-0	200-661-7
Denatured ethanol	F;R11	47.5%	64-17-5	200-578-6
Methanol	F;R11 T;R23/24/25-39/23/24/25	2.5%	67-56-1	200-659-6

3 - Hazard Identification

HIGHLY FLAMMABLE
IRRITATING TO EYES
VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS
Keep away from sources of ignition – No Smoking
Take precautionary measures against static discharges
Do not breathe vapour
Avoid contact with eyes and skin

4 - First-aid Measures

Inhalation:	Remove to fresh air and rest If recovery is not rapid call for prompt medical attention Show this safety data sheet to medical personnel
Eyes:	Irrigate with water for at least 15 minutes Take care not to wash chemical from one eye to another Get prompt medical attention
Skin:	Remove contaminated clothing Wash with soap/cleanser and rinse with plenty of water If irritation persists, obtain medical attention

Revision Date: 1/10/2009
Revision Number: 4
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4 - First-aid Measures (Continued)

Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs Seek medical attention immediately

5 - Fire-fighting Measures

Suitable Extinguishers:	Alcohol resistant foam Dry powder Carbon dioxide Water spray/fog
Unsuitable Extinguishers:	Direct water jets
Hazardous Decomposition:	Toxic fumes are produced in fire
Special Procedures:	Do not breathe decomposition products and fumes Use approved self-contained breathing apparatus Wear fire retardant clothing Use water spray to cool containers Warning: Danger of flashback exists Use water fog to disperse vapours and leaks that have not ignited Prevent runoff from fire control from entering waterways Large fires should only be dealt with by trained personnel

6 - Accidental Release Measures

Exposure Controls:	Ventilate area Eliminate all sources of ignition Do not allow spill to enter drains and watercourses Mark area and warn all personnel
Personal Protection:	Wear suitable respiratory protection for large spillages and in confined spaces Wear polythene or nitrile gloves Use eye protection such as goggles to BS EN 166 Chemical Grade
Disposal Considerations:	Absorb in inert material such as sand or absorbent granules Scoop up and place in plastic container to await transfer Spill is classed as special waste

7 - Handling and Storage

Handling:	Avoid skin contact Avoid eye contact Avoid inhalation of vapour Ensure adequate ventilation Use local extraction equipment where possible Wear suitable protective clothing (see section 8)
Storage:	Store in tightly closed labelled containers Store in a cool, dry, well ventilated area

Revision Date: 1/10/2009
Revision Number: 4
Material/Trade Name: PREPSTAIN ALCOHOL BLEND RINSE

8 - Exposure Controls

Occupational Exposure Limit:	999mg/m^3 8hrTWA 1250mg/m^3 15minSTEL WEL Propan-2-ol 1920mg/m^3 8hrTWA OES ethanol 266 mg/m^3 8hrTWA 333mg/m^3 15minSTEL WEL Sk Methanol Wear polythene or nitrile gloves Wear suitable overalls or apron and change if contaminated Wear suitable eye protection such as BS EN 166 Use in well ventilated areas. Use mechanical ventilation if possible If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A After contact with skin wash off immediately

9 - Physical & Chemical Properties

Appearance	**:** Clear colourless liquid
Odour	**:** Mild alcoholic
pH	**:** n/e
Boiling point/range	**:** 78°C
Melting point/range	**:** n/e
Flash point	**:** 10°C (Closed Cup)
Flammability	**:** HIGHLY -FLAMMABLE
Autoflammability	**:** n/e
Explosive properties	**:** n/e
Oxidising properties	**:** None
Vapour pressure	**:** n/e
Relative density	**:** <1
Solubility	**:** Miscible in water
Vapour Density	**:** n/e
Viscosity	**:** n/w
Evaporation rate (Bu Ac = 1)	**:** n/e

(n/e = not established)

10 - Stability and Reactivity

Stable at normal temperatures
Materials to avoid: oxidising agents
Conditions to avoid: high temperature, sources of ignition & direct sunlight
No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

Routes of exposure: inhalation, skin absorption and ingestion
Acute effects from ingestion: Nausea, vomiting and stomach pain
Unconsciousness in severe cases
Health effects: Irritating to eyes, skin and respiratory tract
Repeated skin contact may cause dermatitis
Inhalation may cause depression of central nervous system
Chronic effects: May cause kidney & liver damage

Revision Date: 1/10/2009
Revision Number: 4
Material/Trade Name: PREPSTAIN ALCOHOL BLEND RINSE

12 - Ecological Information

Ecotoxicity:- Dangerous to aquatic life in high concentrations
Persistence:- Solvent is readily biodegradable
Bioaccumulative potential:- Not expected to bioaccumulate
Mobility:- Mobile, volatile liquid. May penetrate soil causing groundwater contamination

13 -Disposal Considerations

Waste materials must be treated as a fire hazard
Incinerate through a licensed site
Do not discharge into drains or watercourses
Dispose through properly licensed contractors
Dispose of in accordance with the Special Waste Regulations 2005

14 -Transport Information

UN/SI Number:	1993		
IMO:	Class 3.2	**Packing Group**	II
IATA/IACO	Class 3	**Packing Group**	II
ADR/RID	Class 3	**Packing Group**	II
Transport Name:	**(UK Road)**	FLAMMABLE LIQUID, NOS	
HAZCHEM/Kemler Code:		3Y/33	

15 - Regulatory Information

a) Risk & Safety

R11	HIGHLY FLAMMABLE
R36	IRRITATING TO EYES
R67	VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS
S16	Keep away from sources of ignition – No Smoking
S33	Take precautionary measures against static discharges
S23	Do not breathe vapour
S24/25	Avoid contact with eyes and skin

b) Other Regulations

Health & Safety at Work etc. Act 1974
Control of Substances Hazardous to Health Regulations 2002 as amended
Environmental Protection Act 1990
Hazardous Waste Regulations 2005

c) Statutory risk phrases in section (2) and (3) of this Safety Data Sheet not appearing in final product classification

R23/24/25	Toxic by inhalation in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

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. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.