Vetlab Supplies
Specialists in Veterinary Laboratory Supplies

Rapi-Diff II Stain - Solution A (RRSP133)

Supplied By: Vetlab Supplies Ltd
www.vetlabsupplies.co.uk
Tel: 01798 874567

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Rapi-Diff II Stain - Solution A
Product code	RRSP133

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Industrial/professional : PROC15 Use as laboratory reagent
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	Atom Scientific Ltd
Address of Manufacturer	Unit 2A East Tame Business Park Rexcine Way Hyde Cheshire
Postal code	SK14 4GX
Telephone:	0161 3665123
Fax	01704 337167
E-mail	technical@atomscientific.com
Office hours	08:00 - 17:00
Supplier	
Company Identification	Atom Scientific Ltd
Address of Supplier	Unit 2A East Tame Business Park Rexcine Way Hyde Cheshire
Postal code	SK14 4GX
Telephone:	0161 3665123
Fax	01704 337167
E-mail	technical@atomscientific.com
Office hours	08:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No.	07833453806
Contact	Peter Keenan
National response centre	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	Flam. Liq. 2 :Highly flammable liquid and vapour. Acute Tox. 3 :Toxic if swallowed. Acute Tox. 3 :Toxic in contact with skin. Acute Tox. 3 :Toxic if inhaled. STOT SE 1 :Causes damage to organs.

2.2 Label elements

	According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Product Name	Rapi-Diff II Stain - Solution A
Hazard Pictogram(s)	 GHS02  GHS06  GHS08
Signal Word(s)	Danger
Hazard Statement(s)	H225: Highly flammable liquid and vapour. H301: Toxic if swallowed.

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H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H370: Causes damage to organs.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Methanol	67-56-1	200-659-6	> 99	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08
Azur B C.I. 52010	531-55-5	208-511-2	< 1	Muta. 2 H341	GHS08

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Specific treatment . Call a POISON CENTRE/doctor.
Skin Contact: Take off immediately all contaminated clothing and wash it before reuse. Specific treatment. Rinse skin with water. Call a POISON CENTRE/doctor if you feel unwell.
Eye Contact: Treat symptomatically.
Ingestion: Rinse mouth. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Call a POISON CENTRE/doctor if you feel unwell. Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media: Use water spray, dry powder or carbon dioxide to extinguish.
Unsuitable extinguishing media: Water jet spray

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire giving off toxic fumes.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Industrial/professional : PROC15 Use as laboratory reagent

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Methanol	67-56-1	200	266	250	333	Sk

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

8.2 Exposure controls

8.2.1. Appropriate engineering controls: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection.

8.2.2. Personal protection equipment



Eye Protection: Wear eye protection with side protection (EN ISO 16321-1).

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Skin protection — Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection — A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards — None known.

8.2.3. Environmental Exposure Controls — Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Colourless or very faint blue hue
Odour	Alcoholic
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	-98°C
Initial boiling point and boiling range	approx. 65°C
Flash Point	12°C [Closed cup]
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	130hPa (20°C)
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	0.792
Solubility(ies)	Solubility (Water) : Completely miscible with water. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Log Pow -0.77
Auto-ignition temperature	464°C
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Toxic if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 100
Acute toxicity - Skin Contact	Calculation method : Toxic in contact with skin. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 300
Acute toxicity - Inhalation	Calculation method : Toxic if inhaled. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 3
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Causes damage to organs.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

The product has high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No.	1230

14.2 UN proper shipping name

UN proper shipping name	METHANOL

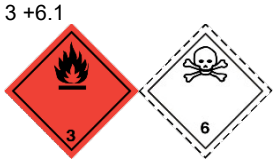
14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class	3

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ADR Classification Code	FT1
Special Provisions	279
Limited Quantities	1 L
Excepted Quantities	E2
Emergency Action Code	•2WE
Packing Instructions for Packages	P001 IBC02
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP2
Tank Code for Tanks	L4BH
Special Provisions for Tanks	TU15
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	CV13 CV28
Special Provisions for Carriage - Operation	S2 S19
ADR HIN	336
IMDG	
IMDG Class	3
Special Provisions	279
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02
Special Packing Provisions for Packages	
Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP2
IMDG EMS	F-E, S-D
Stowage and Handling	Category B SW2
Segregation	
Marine Pollutant	
ICAO/IATA	
ICAO/IATA Class	3 +6.1
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	352
Passenger and Cargo Aircraft Max net Qty	1L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A113
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3 +6.1



14.4 Packing group

Packing group	II

14.5 Environmental hazards

Environmental hazards	Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user	Not known.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation	Not listed
UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation	Not listed
UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Methanol (67-56-1)
UK REACH Rolling Action Plan (RAP)	Not listed
The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended	Not listed
The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)	Not listed
The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended	Not listed

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP)	Methanol (67-56-1)

15.2 Chemical Safety Assessment

United Kingdom	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)


GHS02


GHS06


GHS08

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 3 : Acute toxicity, Category 3
Muta. 2 : Germ cell mutagenicity, Category 2
STOT SE 1 : Specific target organ toxicity — single exposure, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H341: Suspected of causing genetic defects.
H370: Causes damage to organs.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.

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P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of water.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P311: IF exposed or concerned: Call a POISON CENTRE/doctor.
P311: Call a POISON CENTRE/doctor.
P312: Call a POISON CENTRE/doctor if you feel unwell.
P321: Specific treatment (see Medical Advice on this label).
P361+P364: Take off immediately all contaminated clothing. And wash it before reuse.
P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing°Commercial°Chemical Substances
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS: GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Training Advice: Regular safety training as appropriate

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