



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

Name: TOTAL PROTEIN BIURET REAGENT

Manufacturer: **AMS U.K Ltd.,**
Ballymena Business Centre
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Cat No. MPRTPO1/2/3/4

Section 2: CHEMICAL COMPOSITION

All components contain preparations and are therefore not listed in CAS

	Component:	Concentrations:
Reagent R1:	Potassium Iodide	30 mmol/l
	Potassium sodium tartrate	32 mmol/l
	Copper Sulphate	18 mmol/l
	Sodium Hydroxide	200 mmol/l
Reagent R2:	Bovine Serum Albumin	4.0 g/dl

Section 3: HAZARDS IDENTIFICATION

Avoid contact with eyes, skin and inhalation.

Section 4: FIRST AID MEASURES

Remove contaminated clothing and wash before reuse.

In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

If inhaled, remove to fresh air.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Section 5: FIRE FIGHTING MEASURES

Water spray. Carbon dioxide, dry chemical powder or appropriate form.

Section 6: ACCIDENTAL RELEASE MEASURES

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: HANDLING AND STORAGE

Refer to Section 8.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Wear chemical resistant gloves, safety, other protective clothing.

Safety shower, eye bath.

Mechanical exhaust required.

Do not breathe dust.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposures.

Wash thoroughly after handling

Keep tightly closed

Store all components dry, refrigerated at 2-8°C.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Reagent R1, R2: Liquid. R1 is slightly pink.

Section 10: STABILITY AND REACTIVITY

Hazardous combustion or decomposition products: CO₂, CO, Nitrogen Oxides



Section 11: TOXICOLOGICAL INFORMATION

Toxicological data for the reagent mixture are not available. Toxicological data have not yet been thoroughly investigated.

Section 12: ECOLOGICAL INFORMATION

Water pollution hazard rating: 1

Section 13: DISPOSAL CONSIDERATIONS

Dissolve or mix the material with combustible solvent and burn in a chemical incinerator equipped with after burner and scrubber.

Section 14: TRANSPORT INFORMATION

Is not affected by the current rules for transport of hazardous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO)

Section 15: REGULATORY INFORMATION

European information:

S ½ Keep under lock, out of reach of children

S 26 In case of contact with eyes, rinse immediately with plenty of water
and seek medical advice

S 36 Wear suitable protective clothing

S 28 After contact with skin, wash immediately with plenty of water

S 45 In case of contact with eyes, rinse immediately with plenty of water
and seek medical advice

Section 16: OTHER INFORMATION

The above mentioned information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. AMS UK Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.