

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product: Extractant B/S 31-101, 10 ml 31-072, 6,7 ml (dropper bottle) Intended use: Lysing of cells in ATP determinations.	Manufacturer: BioThema AB Stationsvägen 17 S-136 40 Handen SWEDEN tel: +46 8 777 00 20 fax: +46 8 777 00 21 info@biothema.com
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2. COMPOSITION / INFORMATION ON INGREDIENTS

The classification of this preparation has been made after consideration of the below listed substances' classification and/or their weight percentage, in accordance with 67/548/EEC.

Chemical name with synonyms	CAS-number / EG-number	%	Index	Risk phrases
Dodecyltrimethylammonium bromide; Lauryltrimethylammonium bromide; DTAB	1119-94-4 / 2142903	1-2 %	X _i - irritant	R36/37/38*

*For the complete R-phrases, please see section 16.

3. HAZARD (S) IDENTIFICATION

The preparation is not classified as hazardous to man or environment.

4. FIRST-AID MEASURES

General statement:
Show this document to the physician on call.

After inhalation:
Supply fresh air. If required, provide artificial respiration.

After skin contact:
Wash thoroughly with soap and water. Remove and wash contaminated clothing.

After eye contact:
Keep eye lids apart and rinse with plenty of water for at least 15 minutes. If irritation remains, see a doctor.

If swallowed:
Drink a couple of glasses of milk or water. If bigger volumes have been swallowed, see a doctor.

5. FIRE-FIGHTING MEASURES

Non-combustible. Choose extinguishing agent depending on surroundings.

6. ACCIDENTAL RELEASE MEASURES

Use safety gloves.
Avoid contact with skin and eyes. Clean up with a wet cloth. Flush to sewer with water. Clean contaminated areas.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes.

Storage:

Store well sealed, at room temperature. Stable for two years from production date (see bottle for expire date).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Use safety gloves and goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	none
Odour:	none
Soluble in water:	yes
pH:	7.75

10. STABILITY AND REACTIVITY

Stable.

11. TOXICOLOGICAL INFORMATION

May cause irritation to eyes, respiratory system and skin.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Unused product can be flushed to the sewer with water.
Wash the empty bottle and consult local regulations for proper disposal.

14. TRANSPORT INFORMATION

Not classified as hazardous goods for land-, sea- or air transport.

15. REGULATORY INFORMATION

The preparation does not require classification according to the directives in 67/548/EEC.

16. OTHER INFORMATION

Risk phrases:

R36/37/38 - Irritating to eyes, respiratory system and skin.

We believe this information to be true but would like to point out that this MSDS only is to be considered as a guideline and as a supplement to other information. For a correct use of the product, please read Instructions for Use (if applicable).

BioThema AB can not be held responsible for any damages caused by the use or misuse of this product. Please note that the product is for research only.