

# BIOLOGICAL DDC SAFETY DATA SHEET



## 1. IDENTIFICATION OF PREPARATION AND OF THE COMPANY

Manufacturer: R P ADAM LIMITED  
Riverside Road, Selkirk  
Scotland TD7 5DU, United Kingdom  
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Product Name: **BIOLOGICAL DDC**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

A concentrate of bacteria, biosurfactants and enzymes.  
The full text for all R-Phrases are shown in Section 16

## 3. HAZARD IDENTIFICATION

No ingredient present at a concentration leading to a classification of hazardous under the Chemicals (Hazard Information and Packaging) Regulations (CHIP)

## 4. FIRST AID MEASURES\*

**Eyes:** Rinse immediately with copious amounts of water for at least 15 minutes, holding the eyelids open. Obtain immediate medical advice if irritation persists.  
**Skin:** Flush affected area with running water. If irritation persists seek medical advice.

## **Swallowing:**

Rinse mouth and throat thoroughly with water. Give casualty water or milk to drink and seek medical advice. Do not induce vomiting

## **Inhalation:**

Remove from source of exposure. Seek medical advice if symptoms persist

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:  
HAZARDOUS COMBUSTION  
PRODUCTS:

Not Classified as Flammable  
Use extinguishers appropriate to surrounding fire  
None known

PROTECTION OF FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing

## 6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:  
ENVIRONMENTAL PRECAUTIONS:

For personal protection see Section 8  
Absorb large spillages with sand or absorbent. Transfer to a container for disposal in accordance with local regulations. Small spillages can be rinsed away with copious amounts of water.

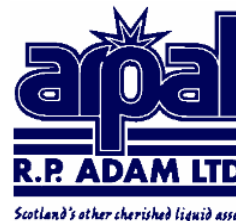
## 7. HANDLING AND STORAGE:

Wear eye protection if splashing or spillage is likely. Wash and dry hands after handling. Store containers upright and sealed in the original container. Protect from freezing. Store between 10-25°C away from direct sunlight. Do not mix with any other chemicals unless advised to do so by a representative of R. P. Adam Ltd.

## 8. EXPOSURE CONTROLS:

Ingredient Name	CAS No.	STD	LT EXP (8 hrs)	ST EXP (15 min)
Contains no ingredient listed in EH40				
EXPOSURE CONTROLS				
RESPIRATORY PROTECTION		Not required in normal use.		
HAND PROTECTION		Wear rubber or latex gloves when handling the concentrate.		
EYE PROTECTION		Wear safety goggles if splashing or contact is likely		
SKIN PROTECTION		Protective overalls or PVC apron.		

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## 9. PHYSICAL AND CHEMICAL PROPERTIES (NOT A SPECIFICATION)

<b>APPEARANCE:</b>	White, straw liquid	<b>SOLUBILITY:</b>	Water soluble
<b>ODOUR:</b>	Slight, characteristic	<b>pH (20°C):</b>	Approx 6.2
<b>BOILING POINT:</b>	>100°C	<b>FLASH PT:</b>	Non-Flammable

## 10. STABILITY AND REACTIVITY

Presents no significant reactivity hazard. Stable under normal circumstances. Avoid direct sunlight. Keep away from strong acids, alkalis and temperature extremes.

## 11. TOXICOLOGICAL INFORMATION

In accordance with the conventional method of EEC Directive 88/379/EEC this product is not classified as Toxic or Harmful

**ACUTE TOXICITY-INGESTION:** Low toxicity. LD50 > 2000mg/kg

**SKIN CONTACT:** May cause mild irritation to sensitive skin.

**EYE CONTACT:** May cause irritation. Prompt rinsing with plenty of water should prevent tissue damage.

**INHALATION:** Not applicable in normal use. No known hazard.

## 12. ECOLOGICAL INFORMATION\*

Classification of the constituent ingredients and their individual concentrations in this product indicate that it is fully biodegradable and environmental problems under normal use conditions are not expected.

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 13. DISPOSAL:

Dispose of in accordance with all local and national regulations. For small quantities dilute with at least 100 parts of water and pour down waste water drain (foul sewer). Rinse out empty containers thoroughly and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste contractor.

## 14. TRANSPORT INFORMATION    **Not classified as Hazardous for Transport**

CONVEYANCE LABEL:	Not Required
CLASS NO.:	Not Applicable
PACKING GROUP:	Not Applicable
U.N. NO. –	Not Required

## 15. REGULATORY INFORMATION: **Not Classified as Hazardous**

Hazard Symbol:	None Required
Risk Phrases:	None Required
Safety Phrases:	None Required

## 16. OTHER INFORMATION

\* Signifies that a significant alteration has been made in this section compared with the previous issue

Text of Risk Phrases associated with ingredients listed in Section 2

Refer to Technical Information Sheet for product use and applications. The contents of this MSDS apply to the normal use of our product and the recipient must take individual responsibility for observing existing laws and regulations eg COSHH and Risk Assessments.