

MATERIAL SAFETY DATA SHEET

USB PRODUCT: **AMV REVERSE TRANSCRIPTASE**
USB PRODUCT NUMBER: 70041

MSDS VERSION: 02/22/93-GE01

***** FOR 24HR EMERGENCY INFORMATION CALL COLLECT 216-765-8917 *****

CUSTOMER INFORMATION

UNIVERSITY OF NORTH DAKOTA
PHARMACOLOGY & TOXICOLOGY
561 N. COLUMBIA ROAD
ROOM 101 / RON FERGUSON
GRAND FORKS, ND
58202

CUSTOMER NUMBER: 774950
PO NO: PROMOTIONAL

DATE: 05/03/93
USB ORDER NUMBER: 437447

Please direct this MSDS to the appropriate department.
MSDS are provided with every order and are packed with the products to ensure they reach the end user. To request additional copies contact USB, telephone (800-521-9322); fax (800-535-0898); or by letter.

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME:
AMV REVERSE TRANSCRIPTASE
CHEMICAL FAMILY:
PROTEIN-ENZYME

SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENT:	XMT	OSHA PEL:	ACGIH TLV:
Not applicable	--	Not established	

SECTION 3 PHYSICAL DATA

BOILING POINT: No data available	MELTING POINT: No data available
VAPOR PRESSURE(MM HG): No data available	VAPOR DENSITY: No data available
SPECIFIC GRAVITY(H2O=1): No data available	EVAPORATION RATE: No data available
SOLUBILITY(WATER): Soluble	SOLUBILITY(OTHER): No data available
APPEARANCE: Powder or liquid	

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD)/FLAMMABLE LIMITS(LEL-UEL):
No data available
EXTINGUISHING MEDIA:
Media suitable to extinguish the supporting or surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:
No information available
USUAL FIRE OR EXPLOSION HAZARDS:
No information available

SECTION 5 HEALTH HAZARD DATA

EXPOSURE LEVELS: SEE SECTION 2

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HEALTH EFFECTS:

The toxicological properties have not been fully defined. Contact may cause irritation to eyes, skin and mucous membranes. May cause irritation if inhaled or ingested. Limit exposure to material.

Material is proteinacious. May cause allergic reaction in certain sensitive individuals.

EMERGENCY AND FIRST AID INFORMATION:

Remove from exposure. Flush from skin or eyes with water. If irritation is evident or if ingested or inhaled, seek prompt medical attention.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable

INCOMPATIBILITY:

No information available

HAZARDOUS DECOMPOSITION PRODUCTS:

No information available

HAZARDOUS POLYMERIZATION:

Will not occur

SECTION 7 SPILL AND DISPOSAL INFORMATION

SPILLS:

For powder:

Wear appropriate personal protective equipment and clothing. Collect in a manner that will not create dust. Place material in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

For liquids:

Wear appropriate personal protective equipment and clothing. Dike material with a suitable inert absorbent. Place in waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

WASTE DISPOSAL:

Dispose of material in accordance with applicable local, state and federal regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NIOSH approved dust mask.

A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH and appropriate to the hazard.

VENTILATION:

Mechanical (general) or local exhaust, as needed to control exposure to dust, vapors or mists.

PERSONAL PROTECTION EQUIPMENT (SKIN, EYES, OTHER):

Gloves recommended

Safety glasses

Lab coat or other long sleeved garment to limit skin exposure.

Access to a safety shower and eye-wash

SECTION 9 OTHER SPECIAL PRECAUTIONS OR COMMENTS

PRECAUTIONS OR COMMENTS:

Do not inhale, ingest or allow material to contact skin or eyes.

THIS BULLETIN IS FOR YOUR GUIDANCE AND IS BASED UPON INFORMATION AND TESTS BELIEVED TO BE RELIABLE. USB MAKES NO GUARANTEE OF THE ACCURACY

USB United States Biochemical Corporation

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ABBREVIATIONS:

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
IARC - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
NTP - NATIONAL TOXICOLOGY PROGRAM ANNUAL REPORT ON CARCINOGENS
RTECS - REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES



