

SECTION 1. CHEMICAL IDENTIFICATION		
PRODUCT #:	AMS.T200005, AMS.T200100, AMS.T200110	
NAME:	FACSMAX™ CELL DISSOCIATION SOLUTION	
COMMON SYNONYMS:	N/A	
CHEMICAL FAMILY:	CELL CULTURE MEDIUM AND RELATED PRODUCT	
FORMULA:	N/A	
FORMULA WT.:	N/A	
PRODUCT USE:	FOR LIFE SCIENCE RESEARCH ONLY; NOT FOR HUMAN OR ANIMAL USE. RECOMMENDED FOR IN VITRO CULTURED CELLS ONLY AS A CELL DISSOCIATION SOLUTION.	
SE	CTION 2. COMPOSITION/INFORMATION ON INGREDIENTS	
CAS NO.:	N/A	
NIOSH/RTECS NO.:	N/A	
COMPOSITION:	PROPRIETARY FORMULATION OF ENZYMES WITH PROTEOLYTIC, COLLAGENOLYTIC, AND DNase ACTIVITIES, WATER, AND PHOSPHATE BUFFERED SALINE.	
	SECTION 3. HAZARDS IDENTIFICATION	
LABEL PRECAUTIONARY STATEMENTS	<b>CAUTION:</b> THE CHEMICAL PHYSICAL AND TOXICOLOGICAL PROPERTIES OF THIS PRODUCT HAVE NOT BEEN THOROUGHLY INVESTIGATED. NON-TOXIC TO CELLS IN CULTURE AT DILUTED CONCENTRATION OF PRODUCT. EXERCISE DUE CARE.	
ESTIMATED RISK ASSESSMENT	HEALTH 1 SLIGHT FLAMMABILITY 1 SLIGHT REACTIVITY 1 SLIGHT CONTACT 1 SLIGHT	
LABORATORY PROTECTIVE EQUIPMENT	GOGGLES OR VENTED HOOD; LAB COAT; PROPER GLOVES	
U.S. PRECAUTIONARY LABELING	CAUTION: MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE IRRITATION. THIS PRODUCT IS NOT ON THE TSCA INVENTORY. AVOID CONTACT WITH EYES, SKIN, CLOTHING. USE WITH ADEQUATE VENTILATION. WASH AFTER HANDLING.	
INTERNATIONAL LABELING	AVOID CONTACT WITH EYES. AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER. KEEP CONTAINER TIGHTLY CLOSED.	
SECTION 4. FIRST AID MEASURES		
FIRST AID MEASURES	IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED SHOES OR CLOTHING.	
	IF INHAHALED REMOVE TO FRESH AIR IF NOT RREATHING GIVE	



ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

	SECTION 5. FIRE FIGHTING MEASURES		
FLASH POINT (CLOSED CUP):	N/A		
AUTOIGNITION TEMPERATURE:	N/A		
FLAMMABLE LIMITS:	UPPER - N/A LOWER - N/A		
EXTINGUISHING MEDIA	WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.		
SPECIAL FIRE FIGHTING PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH EYES AND SKIN.		
UNUSUAL FIRE & EXPLOSION HAZARDS	NONE IDENTIFIED.		
TOXIC GASES PRODUCED	EMITS CARBON DIOXIDE AND CARBON MONOXIDE.		
EXPLOSION DATA	SENSITIVITY TO MECHANICAL IMPACT OR STATIC DISCHARGE - NONE IDENTIFIED.		
	SECTION 6. ACCIDENTAL RELEASE MEASURES		
ACCIDENTAL	WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND RUBBER GLOVES.		
RELEASE MEASURES	ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK-UP IS COMPLETE.		
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HANDLING AND STORAGE  S  EXPOSURE CONTROLS/PERSONAL	ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK-UP IS COMPLETE.  SECTION 7. HANDLING AND STORAGE  KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA, REFRIGERATED OR NON-REFRIGERATED. HANDLE USING STERILE TECHNIQUE.  ECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION		
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HANDLING AND STORAGE  S  EXPOSURE CONTROLS/ PERSONAL PROTECTION  BOILING POINT:	ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK-UP IS COMPLETE.  SECTION 7. HANDLING AND STORAGE  KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA, REFRIGERATED OR NON-REFRIGERATED. HANDLE USING STERILE TECHNIQUE.  ECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION  REFER TO SECTION 7.  SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES  N/D VAPOR PRESSURE (MMHG): < 1		



PH:	7.0-7.5 ODOR THRESHOLD (PPM): N/D
PHYSICAL STATE:	LIQUID WATER/OIL DISTRIBUTION: N/D
APPEARANCE & ODOR:	CLEAR LIQUID, NO CHARACTERISTIC ODOR.

ODOR:	
	SECTION 10. STABILITY AND REACTIVITY
STABILITY:	STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS TOXIC FUMES OF:	NONE IDENTIFIED. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
	SECTION 11. TOXICOLOGICAL INFORMATION
THRESHHOLD LIMIT VALUE (TLV/TWA):	NOT ESTABLISHED.
SHORT TERM EXPOSURE LIMIT (STEL):	NOT ESTABLISHED.
PERMISSIBLE EXPOSURE LIMIT (PEL):	NOT ESTABLISHED.
TOXICITY OF COMPONENTS	INTRAPERITONEAL RAT LD 50 FOR FACSmax™ NOT DETERMINED.
CARCINOGENICITY:	NTP: NO IARC: NO Z LIST: NO OSHA REG: NO
CARCINOGENICITY:	NONE IDENTIFIED.
REPRODUCTIVE EFFECTS:	NOT DETERMINED.
EFFECTS OF OVER EXPOSURE:	MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. MAY CAUSE IRRITATION. THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.
CHRONIC EFFECTS:	NONE IDENTIFIED.
TARGET ORGANS:	EYES, SKIN, MUCOUS MEMBRANES.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	NONE IDENTIFIED.
PRIMARY ROUTES OF ENTRY:	INHALATION, EYE CONTACT, SKIN CONTACT.
SARA/TITLE III HAZARD CATEGORIES AND LISTS:	ACUTE: YES CHRONIC: YES FLAMMABILITY: NO PRESSURE: NO REACTIVITY: NO
EXTREMELY HAZARDOUS SUBSTANCE:	NO.



CERCLA HAZARDOUS SUBSTANCE:	
SARA 313 TOXIC CHEMICALS:	NO.
TSCA INVENTORY:	NO.

	SECTION 12. ECOLOGICAL INFORMATION		
ECOLOGICAL INFORMATION	DATA NOT YET AVAILABLE.		
	SECTION 13. DISPOSAL CONSIDERATIONS		
DISPOSAL PROCEDURES:	DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.		
	SECTION 14. TRANSPORT INFORMATION		
DOMESTIC (D.O.T.) PROPER SHIPPING NAME:	CHEMICALS, N.O.S. (NON-REGULATED)		
INTERNATIONAL (I.M.O.) PROPER SHIPPING NAME:	CHEMICALS, N.O.S. (NON-REGULATED)		
MARINE POLLUTANTS:	NO.		
AIR (I.C.A.O.) PROPER SHIPPING NAME	CHEMICALS, N.O.S. (NON-REGULATED)		
U.S. CUSTOMS HARMONIZATION CODE NUMBER:	3507.9.0000		
	SECTION15. REGULATORY INFORMATION		
REVIEWS, STANDARDS AND REGULATIONS:	DATA NOT YET AVAILABLE.		
SECTION 16. OTHER INFORMATION			
ABBREVIATIONS	N/A = NOT AVAILABLE OR NOT APPLICABLE. N/D = NOT DETERMINED.		

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