MATERIAL SAFETY DATA SHEET (MSDS)

24 HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

Effective Date: Jan. 1, 2003 / Supersedes: Jan. 1, 2000 / PAGE 1 OF 2

JBS INDUSTRIES, INC.

1184 PETIGRU DRIVE, PAWLEYS ISLAND SC 29585

TELEPHONE: 1-800-925-8958

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME:	**CITRUSOLVE M-2**	PRODUCT NUMBER:	IJ-400
PRODUCT DESCRIPTION:	CITRUS SOLVENT DEGREASER		
MANUFACTURER:	JBS Industries, Inc. 1184 Petigru Drive Pawleys Island, SC 29585	PHONE: FAX:	**800-925-8958** **800-201-8546**

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	EFFECT	CAS#	PERCENT
CITRUS TERPENE	SKIN & EYE IRRITANT	5989-27-5	0-70
2-BUTOXYETHANOL	EYE IRRITANT	111-76-2	0-5
QUATERNARY AMINE/MIXTURE	CORROSIVE TO EYES	61789-77-3	0-25

HAZARDOUS INGREDIENTS:	EXPOSURE LIMITS OF INGREDIENTS	
	OSHA PEL	ACGIH TLV
CITRUS TERPENE	NOT ESTABLISHED	NOT ESTABLISHED
2-BUTOXYETHANOL	25 ppm (SKIN)	25 ppm (SKIN)
QUATERNARY AMINE/MIXTURE	400 ppm	400 ppm

SECTION 3 HAZARDS IDENTIFICATION

>>>>>>>>>>>>>>>>>>>>EMERGENCY OVERVIEW<<<<<<<<<<<<<<<<<<<

CAN BE CORROSIVE TO EYES. INHALATION OF MISTS MAY BE IRRITATING TO THROAT AND RESPIRATORY TRACT. MAY CAUSE IRRITATION TO SKIN WITH PROLONGED EXPOSURE.

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SECTION 4 FIRST AID MEASURES

EYES:	FLUSH EYES WITH LARGE QUANTITIES OF WATER, HOLDING EYELIDS OPEN FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
SKIN:	REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
INGESTION:	GIVE WATER IF CONSCIOUS. DO NOT INDUCE VOMITING, ALTHOUGH VOMITING MAY OCCUR NATUARALLY. GET IMMEDIATE MEDICAL ATTENTION.
INHALATION:	MOVE TO FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SECTION 5 FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:	FLASH POINT:	110 F
	METHOD USED:	NOT APPLICABLE

PRODUCT IS MOSTLY WATER AND WILL NOT BURN. INCOMPLETE COMBUSTION OF VAPORS MAY PRODUCE CARBON MONOXIDE, WHICH IS POISONOUS.

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE KNOWN

FIRE FIGHTING PROCEDURES: APPROPRIATE FOR SURROUNDING MATERIALS.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SPILLS & LEAKS:	SMALL SPILLS: RINSE TO DRAIN. LARGE SPILLS: CONTAIN FOR RECLAMATION OR DISPOSAL.
CAUTION:	SPILLS OF THIS MATERIAL MAY CAUSE FLOOR TO BECOME SLIPPERY.

SECTION 7 HANDLING & STORAGE

PRODUCT SHOULD BE STORED IN ORIGINAL CONTAINERS AT TEMPERATURES BELOW 120 DEGREES F.

PRODUCT SHELF LIFE IS APPROXIMATELY 6 MONTHS.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EYES:	WEAR CHEMICAL GOGGLES.
SKIN:	SOLVENT PROOF GLOVES. RUBBER APRON IF GREATER EXPOSURE IS LIKELY.
RESPIRATORY:	GOOD GENERAL VENTILATION. RESPIRATOR NOT NORMALLY REQUIRED.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE & ODOR: THIN AMBER LIQUID WITH CHARACTERISTIC CITRUS ODOR.
SOLUBILITY IN WATER: EMULSION
% VOLATILE (W/W): >75, MOSTLY WATER FREEZING POINT: NEAR WATER.
PH FULL STRENGTH: 9.0 SPECIFIC GRAVITY: 1.00

SECTION 10 STABILITY & REACTIVITY

STABILITY: THIS IS A STABLE MATERIAL.
CONDITIONS TO AVOID: NONE KNOWN.
MATERIALS TO AVOID: STRONG OXIDIZING AGENTS.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

SECTION 11 TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE ON THIS MIXTURE. FOR INFORMATION ON INGREDIENTS, WRITE TO THE ADDRESS LISTED IN SECTION 1 OF THIS MSDS.

SECTION 12 ECOLOGICAL INFORMATION

NO DATA AVAILABLE ON THIS MIXTURE. ALL SURFACTANT COMPONENTS ARE BIODEGRADABLE. THIS PRODUCT **DOES NOT** CONTAIN PHOSPHATES.

SECTION 13 DISPOSAL CONSIDERATIONS

FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS APPROPRIATE FOR THIS MATERIAL.

SECTION 14 TRANSPORTATION INFORMATION

D.O.T. HAZARDOUS MATERIAL CLASS: NOT A D.O.T. HAZARDOUS MATERIAL.
UN NUMBER: NOT APPLICABLE NA NUMBER: NOT APPLICABLE

SECTION 15 REGULATORY INFORMATION

THIS MATERIAL IS NOT SARA TITLE III REPORTABLE.

SECTION 16 OTHER INFORMATION

HAZARD RATINGS PROVIDED FOR USE BY TRAINED INDIVIDUALS ONLY.
HMIS RATINGS (0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE HAZARD)
FOR CONCENTRATE: HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

NFPA RATINGS (0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE HAZARD)
FOR CONCENTRATE: HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0
DILUTION OVER 30 TO 1: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

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