
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

ARRAY

MSDS ID: 00339

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ARRAY
PRODUCT DESCRIPTOR: THICKENED SOLVENT CLEANER
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
METHANOL (67-56-1)	<2	TLV 200; c250 (SKIN)	PPM
SILICON DIOXIDE (112945-52-5)	<2	TLV 10; PEL 10	MG/M3
ORGANOPHILIC CLAY (121888-68-4)	<5	(RESP.) TLV 3, PEL 3	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: PROLONGED OR REPEATED SKIN EXPOSURE CAUSES SKIN DRYNESS,
WHICH MAY LEAD TO DERMATITIS. MAY IRRITATE EYES, SKIN AND
MUCOUS MEMBRANES. HARMFUL IF SWALLOWED
CHRONIC: SAME AS ABOVE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN AND EYES

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET
MEDICAL ATTENTION IF IRRITATION CONTINUES.
SKIN: FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE
CONTAMINATED CLOTHES AND SHOES.
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: 200	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: 1%	UEL: 9%
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		CO2, DRY CHEMICALS, FOAM.	
FIRE FIGHTING INSTRUCTIONS:		USE WATER SPRAY TO COOL CONTAINERS IN FIRE AREA. WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. DO NOT STORE, USE OR DILUTE AROUND HEAT, SPARKS OR OPEN FLAMES.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: AS REQUIRED BY OSHA
PROTECTIVE GLOVES: CUFFED OIL RESISTANT GLOVE IN HANDWASH
RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATOR IF NECESSARY.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: PROVIDE ADEQUATE VENTILATION AND FACE SHIELD WHERE PRODUCT MAY BE IN A MIST OR AEROSOLIZED FORM.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 1.0500
VOLATILE BY VOLUME: 98 SOLUBILITY IN WATER: <20
VAPOR PRESSURE (MMHG): >28 AT 20 C
APPEARANCE AND ODOR: TAN, OPAQUE LIQUID SWEET ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG ACIDS, OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, HYDROGEN
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER. ADD TO OPERATIONS. CONTAINS NO PHOSPHATES. EMULSION BREAKING AND SEPARATION OF INSOLUBLES. DISPOSE OF MATERIALS BY INCINERATION, LANDFILL OR NPDES PERMIT COMPLYING WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

THIS PRODUCT CONTAINS METHANOL (67-56-1) AT 1.3% WHICH IS SARA REPORTABLE.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

DIMETHYL GLUTARATE - CAS #1119-40-0

DIMETHYL ADIPATE - CAS #627-93-0

DIMETHYL SUCCINATE - CAS #106-65-0

WATER - CAS # 7732-18-5

TALL OIL FATTY ACID ESTER - CAS #68937-81-5

METHANOL (67-56-1)

ORGANOPHILIC CLAY (121888-68-4)

SILICON DIOXIDE (112945-52-5)

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.