
MATERIAL SAFETY DATA SHEET

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

HD NO PHOS ACID CLEANER**MSDS ID: 02696**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HD NO PHOS ACID CLEANER
PRODUCT DESCRIPTOR: NON-PHOSPHATED ACID 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
SULFURIC ACID (7664-93-9)	14	TLV 1; PEL 1	MG/M3
NITRIC ACID (7697-37-2)	20	TLV 5; PEL 5	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT; PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT; MAY BE FATAL IF SWALLOWED.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE

IV. FIRST AID MEASURES

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

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		CO2, FOAM	
FIRE FIGHTING INSTRUCTIONS:		WEAR FULL-PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: DIKE AREA. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER. PRODUCT R.Q. = (NITRIC ACID) 491 GALLONS PRODUCT R.Q. = (SULFURIC ACID) 674 GALLONS

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP CONTAINER CLOSED.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS
PROTECTIVE GLOVES: ACID RESISTANT
RESPIRATORY PROTECTION: USE NIOSH APPROVED RESPIRATOR IF PEL/TLV MAY BE EXCEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: ACID-RESISTANT CHEMICAL APRON WHEN HANDLING
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	226	SPECIFIC GRAVITY:	1.2100
VOLATILE BY VOLUME:	63	SOLUBILITY IN WATER:	100
VAPOR PRESSURE (MMHG):	20.6	AT 20 C	
APPEARANCE AND ODOR:	RED LIQUID; SHARP PUNGENT ODOR		

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS
HAZARDOUS DECOMPOSITION PRODUCTS: NITROGEN OXIDES
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 WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.

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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:

NITRIC AND SULFURIC ACID ARE NOT CONTAINED IN REPORTABLE FORM (AIRBORNE OR AEROSOL)

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

STATE RIGHT-TO-KNOW INFORMATION:

SULFURIC ACID - CAS #7664-93-9

NITRIC ACID - CAS #7697-37-2

WATER - CAS #7732-18-5

SODIUM BUTOXYETHOXY ACETATE - CAS #67990-17-4

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.