
MATERIAL SAFETY DATA SHEET

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

BRITE-N-TILE**MSDS ID: 07554**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BRITE-N-TILE
PRODUCT DESCRIPTOR: LIQUID ACIDIC DESCALER
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)	4	TLV 1; PEL 1	MG/M3
PHOSPHORIC ACID (7664-38-2)	14	TLV 1; PEL 1; STEL 3	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE TO SKIN AND EYES. MAY BE HARMFUL IF SWALLOWED.
CHRONIC: SAME AS ACUTE
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.
SKIN: WASH OFF WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE USE.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. CALL A PHYSICIAN.
INHALATION: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/K	UEL: N/K
UNUSUAL FIRE OR EXPLOSION HAZARDS:		SOLUTIONS REACT WITH METALS TO FORM HYDROGEN.	
EXTINGUISHING MEDIA:		WATER	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: PROVIDE PROTECTIVE CLOTHING TO CLEANUP PERSONNEL. DIKE AREA TO CONTAIN SPILL; PUMP LIQUID TO SUITABLE CONTAINER. CAREFULLY NEUTRALIZE RESIDUE WITH SODA ASH. FLUSH TO SEWER SYSTEM WITH PLENTY OF WATER. PRODUCT R.Q. = 34,483 LBS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL, DRY LOCATION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WATER DELUGE SYSTEM.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD AND GOGGLES
PROTECTIVE GLOVES: ACID RESTART
RESPIRATORY PROTECTION: IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR WITH A HIGH EFFICIENCY PARTICULATE FILTER.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILIING POINT (F): 220 SPECIFIC GRAVITY: 1.1200
VOLATILE BY VOLUME: 0 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 16.5 AT 20 C
APPEARANCE AND ODOR: THIN, YELLOW-COLORED LIQUID; MILD, SWEET ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CONCENTRATED ALKALIS, REACTIVE METALS
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CARBON MONOXIDE, AMMONIA
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: TRIPLE RINSE CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE 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 SULFURIC ACID, CAS #7664-93-9, AT 4% AND
PHOSPHORIC ACID, CAS #7664-38-2, AT 14% IN THE FORMULATION. THESE
INGREDIENTS ARE SARA REPORTABLE.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: C

STATE RIGHT-TO-KNOW INFORMATION:

PHOSPHORIC ACID - CAS # 7664-38-2

SULFURIC ACID - CAS # 7664-93-9

WATER - CAS # 7732-18-5

NONYLPHENOXY POLYETHOXY GLYCOL - CAS # 9016-45-9

UREA - CAS # 57-13-6

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.