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MSDS

Common Name: NIAGARA FLOOR FINISH

Manufacturer: JOHNSON DIVERSEY

MSDS Revision Date: 2/19/2009

Grainger Item Number(s): 1MZH5, 3YZW5, 9KHZ7

Manufacturer Model Number(s):

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RAMSEY (TM/MC)
BY JOHNSON DIVERSEY

NIAGARA FLOOR FINISH

MATERIAL SAFETY DATA SHEET

VERSION NUMBER: 2

PREPARATION DATE: 2009-02-19

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: NIAGARA FLOOR FINISH

MSDS #: MS0100837

PRODUCT CODE: 4428311

RECOMMENDED USE: FLOOR CARE.

MANUFACTURER, IMPORTER, SUPPLIER:

US HEADQUARTERS:
JOHNSON DIVERSEY, INC.
8310 16TH ST.
STURTEVANT, WISCONSIN 53177-1964

RAMSEY INFORMATION PHONE: 1-800-421-2768

MSDS INTERNET ADDRESS: WWW.RAMSEYCOMPANY.COM

CANADIAN HEADQUARTERS:
JOHNSON DIVERSEY - CANADA, INC.
2401 BRISTOL CIRCLE
OAKVILLE, ONTARIO L6H 6P1

PHONE: 1-800-668-3131

EMERGENCY TELEPHONE NUMBER:
1-800-851-7145 (U.S.)
1-651-917-6133 (INT'L)

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

CAUTION:
MAY BE MILDLY IRRITATING TO EYES
MAY BE MILDLY IRRITATING TO SKIN

PRINCIPLE ROUTES OF EXPOSURE:
EYE CONTACT. SKIN CONTACT. INHALATION. INGESTION.

EYE CONTACT: MAY BE MILDLY IRRITATING TO EYES.

SKIN CONTACT: MAY BE MILDLY IRRITATING TO SKIN.

INHALATION: NONE KNOWN.

INGESTION: NONE KNOWN.

3. COMPOSITION/INFORMATION ON INGREDIENTS



HAZARDOUS INGREDIENTS:

INGREDIENT(S)	CAS #	WEIGHT %
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1 - 5%
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1 - 5%

4. FIRST AID MEASURES



EYE CONTACT:
FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

SKIN CONTACT:
FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

INGESTION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

AGGRAVATED MEDICAL CONDITIONS: NONE KNOWN.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

USE DRY CHEMICAL, CO2, WATER SPRAY OR "ALCOHOL" FOAM.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:

NO INFORMATION AVAILABLE

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR

SPECIFIC HAZARDS: NOT APPLICABLE

UNUSUAL HAZARDS: NONE KNOWN

SPECIFIC METHODS: NO SPECIAL METHODS REQUIRED

NFPA:

HEALTH 1

FLAMMABILITY 0

INSTABILITY 0

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

PREVENT PRODUCT FROM ENTERING DRAINS. ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. USE A WATER RINSE FOR FINAL CLEAN-UP.

7. HANDLING AND STORAGE



HANDLING:

AVOID CONTACT WITH SKIN AND EYES. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

STORAGE:

PROTECT FROM FREEZING. KEEP TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING MEASURES TO REDUCE EXPOSURE:

NO SPECIAL VENTILATION REQUIREMENTS. GENERAL ROOM VENTILATION IS ADEQUATE.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

HAND PROTECTION: NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

SKIN AND BODY PROTECTION:
NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

RESPIRATORY PROTECTION:
NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

HYGIENE MEASURES:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

INGREDIENT(S)	ACGIH	OSHA	MEXICO
DIPROPYLENE GLYCOL	150 PPM (STEL)	SKIN:	900 MG/M3 (STEL)
METHYL ETHER	100 PPM (TWA)	100 PPM (TWA)	150 PPM (STEL)
		600 MG/M3 (TWA)	100 PPM (TWA)
			60 MG/M3 (TWA)

HMIS:
HEALTH 1
FIRE HAZARD 0
REACTIVITY 0

PERSONAL PROTECTIVE EQUIPMENT: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

APPEARANCE: LIQUID

COLOR: OFF-WHITE

ODOR: AMMONIA

pH: 7.78

DILUTION pH: NO INFORMATION AVAILABLE.

SPECIFIC GRAVITY: 1.03

DENSITY: 8.60 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY: DISPERSIBLE

VOC: 3.0% *

SOLUBILITY IN OTHER SOLVENTS: NO INFORMATION AVAILABLE

PARTITION COEFFICIENT (n-OCTANOL/WATER): NO INFORMATION AVAILABLE

BOILING POINT/RANGE: NOT DETERMINED

MELTING POINT/RANGE: NOT DETERMINED

FLASH POINT:

>200 DEG. F
>93.3 DEG. C

DECOMPOSITION TEMPERATURE: NOT DETERMINED

AUTOIGNITION TEMPERATURE: NO INFORMATION AVAILABLE

ELEMENTAL PHOSPHORUS: 0.17%P

* - TITLE 17, CALIFORNIA CODE OF REGULATIONS, DIVISION 3, CHAPTER 1,
SUBCHAPTER 8.5, ARTICLE 2, CONSUMER PRODUCTS, SECTIONS 94508

10. STABILITY AND REACTIVITY



STABILITY: THE PRODUCT IS STABLE

POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

11. TOXICOLOGICAL INFORMATION



HAZARDOUS INGREDIENTS:

INGREDIENT(S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
DIPROPYLENE GLYCOL METHYL ETHER	5135	9500 MG/KG	NOT AVAILABLE
DIETHYLENE GLYCOL MONOETHYL ETHER	1920	=4200 (MICRO)L/KG	5.24 G/M3

ACUTE TOXICITY:

ORAL LD50 ESTIMATED TO BE GREATER THAN 5000 MG/KG

DERMAL LD50 ESTIMATED TO BE >2000 MG/KG

CHRONIC TOXICITY: NONE KNOWN

SPECIFIC EFFECTS:

CARCINOGENIC EFFECTS: NONE KNOWN

MUTAGENIC EFFECTS: NONE KNOWN

REPRODUCTIVE TOXICITY: NONE KNOWN

TARGET ORGAN EFFECTS: NONE KNOWN

12. ECOLOGICAL INFORMATION



ENVIRONMENTAL INFORMATION: NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS



WASTE FROM RESIDUES / UNUSED PRODUCTS:

DISPOSE OF ACCORDING TO ALL FEDERAL, STATE AND LOCAL APPLICABLE REGULATIONS

14. TRANSPORT INFORMATION



DOT/TDG:

PLEASE REFER TO THE BILL OF LADING/RECEIVING DOCUMENTS FOR UP TO DATE SHIPPING INFORMATION

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE FOLLOWING INVENTORIES:
U.S.A. (TSCA), CANADA (DSL/NDSL), EUROPE (EINECS/ELINCS/NLP).

U.S. REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT IS NOT SUBJECT TO THE REPORTING REQUIREMENTS UNDER CALIFORNIA'S PROPOSITION 65

STATE RIGHT TO KNOW:

INGREDIENT(S)	CAS #	MARTK	NJRTK	PARTK	RIRTK
WATER	7732-18-5				
TRIBUTOXYETHYL PHOSPHATE	78-51-3				
DIETHYLENE GLYCOL DIBENZOATE	120-55-8				
TRIETHYLENE GLYCOL DIBENZOATE	120-56-9				
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	X	X	X	X
STYRENE ACRYLIC POLYMER	TS*				
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0		X		

CERCLA / SARA:

INGREDIENT(S)	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5%			X
DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0	1 - 5%			X

CAA HAP/CAA ODS/CWA PRIORITY POLLUTANTS: NONE

INGREDIENT(S)	CAA HAP	CAA ODS	CWA PRIORITY POLLUTANTS
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	X		
DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0		X	

SARA 311/312 HAZARD CATEGORIES:

CANADA:

WHMIS HAZARD CLASS: NON-CONTROLLED.

INGREDIENT(S)	CAS #	NPRI
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	X
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	X

16. OTHER INFORMATION



REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

NOTICE TO READER:

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