



Common Name: POWER BOLT POWER SPRAY CLEANER

Manufacturer: JOHNSON DIVERSEY

MSDS Revision Date: 12/20/2006

Grainger Item Number(s): 3UT51, 4LG31, 4LG32, 4LG33, 4YW27, 5NF33, 5TH96, 5TN96

Manufacturer Model Number(s):

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RAMSEY (TM/MC)
BY JOHNSON DIVERSEY

POWER BOLT POWER SPRAY CLEANER

MATERIAL SAFETY DATA SHEET

VERSION NUMBER: 1

PREPARATION DATE: 2006-12-20

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: POWER BOLT POWER SPRAY CLEANER

MSDS #: MS0100891

PRODUCT CODE: 6092100, 6092020

RECOMMENDED USE:
CLEANING PRODUCT. THIS PRODUCT IS INTENDED TO BE DILUTED PRIOR TO USE.

MANUFACTURER, IMPORTER, SUPPLIER:
US HEADQUARTERS
JOHNSON DIVERSEY, INC.
8310 16TH ST.

STURTEVANT, WISCONSIN 53177-0902

RAMSEY INFORMATION PHONE: 1-800-421-2768

MSDS INTERNET ADDRESS: WWW.RAMSEYCOMPANY.COM

EMERGENCY TELEPHONE NUMBER:
1-800-228-5635 (PROSAR);
1-651-917-6133 (INT'L PROSAR)
01-800-710-3400 (MEXICO)

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:
WARNING
CAUSES EYE AND SKIN IRRITATION
MAY BE HARMFUL IF SWALLOWED

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

EYE CONTACT: SEVERE EYE IRRITATION.

SKIN CONTACT: MODERATELY IRRITATING TO THE SKIN.

INHALATION:
MAY CAUSE IRRITATION AND CORROSIVE EFFECTS TO NOSE, THROAT AND RESPIRATORY TRACT.

INGESTION: MAY BE IRRITATING TO MOUTH, THROAT AND STOMACH.

3. COMPOSITION/INFORMATION ON INGREDIENTS



HAZARDOUS COMPONENTS:

INGREDIENT(S)	CAS #	WEIGHT %
MONOETHANOLAMINE	141-43-5	10 - 25%
POTASSIUM HYDROXIDE	1310-58-3	1 - 5%

4. FIRST AID MEASURES



EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15-20 MINUTES, KEEPING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.

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

INHALATION:
IF BREATHING IS AFFECTED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION:
IF SWALLOWED, GIVE A CUPFUL OF WATER OR MILK. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

AGGRAVATED MEDICAL CONDITIONS:
INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS SUCH AS ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC., MAY BE MORE SUSCEPTIBLE TO IRRITATING EFFECTS.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

THE PRODUCT IS NOT FLAMMABLE. EXTINGUISH FIRE USING AGENT SUITABLE FOR SURROUNDING FIRE.

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 2
FLAMMABILITY 0
INSTABILITY 0

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
CLEAN-UP METHODS - LARGE SPILLAGE. SOAK UP WITH INERT ABSORBENT MATERIAL. SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL. USE A WATER RINSE FOR FINAL CLEAN-UP.

7. HANDLING AND STORAGE



HANDLING:
AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT TASTE OR SWALLOW. AVOID BREATHING VAPORS OR MISTS. USE ONLY WITH ADEQUATE VENTILATION. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. WASH THOROUGHLY AFTER HANDLING. PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS. ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING MEASURES TO REDUCE EXPOSURE:
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. RESPIRATORY PROTECTION IS NOT REQUIRED IF GOOD VENTILATION IS MAINTAINED.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: CHEMICAL SPLASH GOGGLES.

HAND PROTECTION: CHEMICAL RESISTANT GLOVES

SKIN AND BODY PROTECTION: NO SPECIAL PROTECTIVE CLOTHING IS REQUIRED.

RESPIRATORY PROTECTION: NO SPECIAL PROTECTIVE CLOTHING IS REQUIRED.

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

INGREDIENT(S)	ACGIH	OSHA	MEXICO
MONOETHANOLAMINE	6 PPM (STEL)	3 PPM (TWA)	6 PPM (STEL)
	3 PPM (TWA)	6 MG/M3 (TWA)	15 MG/M3 (STEL)
POTASSIUM HYDROXIDE	2 MG/M3 (CEILING)		3 PPM (TWA)
			8 MG/M3 (TWA)

HMIS:
HEALTH 2
FIRE HAZARD 0
REACTIVITY 0

PERSONAL PROTECTIVE EQUIPMENT:
CHEMICAL GOGGLES
GLOVES

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID
APPEARANCE: LIQUID
COLOR: CLEAR ORANGE
ODOR: LEMON SOLVENT
pH: 13
DILUTION pH: NO INFORMATION AVAILABLE.
SPECIFIC GRAVITY: 1.00
DENSITY: 8.345 LBS/GAL
BULK DENSITY: NO INFORMATION AVAILABLE
VAPOR DENSITY: NO INFORMATION AVAILABLE
EVAPORATION RATE: NO INFORMATION AVAILABLE
VISCOSITY: NO INFORMATION AVAILABLE
SOLUBILITY: SOLUBLE
VOC: 12% *
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 %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
MATERIALS TO AVOID: OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

11. TOXICOLOGICAL INFORMATION



HAZARDOUS COMPONENTS:

INGREDIENT (S)	LD50 ORAL - RAT	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
MONOETHANOLAMINE	=1720 MG/KG	=1 ML/KG	NOT AVAILABLE
POTASSIUM HYDROXIDE	=214 MG/KG	NOT AVAILABLE	NOT AVAILABLE
ACUTE TOXICITY: ORAL LD50 ESTIMATED TO BE BETWEEN 4000 - 5000 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

RCRA HAZARD CLASS: D002

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/NDL).

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
MONOETHANOLAMINE	141-43-5	X	X	X	X
WATER	7732-18-5				
POTASSIUM HYDROXIDE	1310-58-3	X	X	X	X
TALL OIL FATTY ACID	61790-12-3				
DIPROPYLENE GLYCOL	25265-71-8			X	
DIPROPYLENE GLYCOL n-BUTYL ETHER	29911-28-2				

TRIPROPYLENE GLYCOL n-BUTYL ETHER	55934-93-5		
PROPYLENE GLYCOL	57-55-6	X	X
PROPYLENE GLYCOL PHENYL ETHER	770-35-4		
ALCOHOL ETHOXYLATES	34398-01-1		

CERCLA/SARA:

INGREDIENT(S)	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
POTASSIUM HYDROXIDE 1310-58-3	1 - 5%	1000		

SARA 311/312 HAZARD CATEGORIES:
IMMEDIATE (X)
DELAYED ()
FIRE ()
REACTIVITY ()
SUDDEN RELEASE OF PRESSURE ()

CANADA:

WHMIS HAZARD CLASS: D2B TOXIC MATERIALS.

INGREDIENT(S)	CAS #	NPRI
MONOETHANOLAMINE	141-43-5	X
DIPROPYLENE GLYCOL	25265-71-8	X
PROPYLENE GLYCOL	57-55-6	X

16. OTHER INFORMATION



REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

NOTICE TO READER:
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