



Common Name: POWER BOLT RTU

Manufacturer: JOHNSON DIVERSEY

MSDS Revision Date: 2/18/2009

Grainger Item Number(s): 3UT37, 3UT38, 3UT39, 4TL65

Manufacturer Model Number(s):

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RAMSEY (TM/MC)
BY JOHNSON DIVERSEY

POWER BOLT RTU

MATERIAL SAFETY DATA SHEET

VERSION NUMBER: 2

PREPARATION DATE: 2009-02-18

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: POWER BOLT RTU

MSDS #: MS0100889

PRODUCT CODE: 6086110, 6086320, 6086370

RECOMMENDED USE: CLEANING PRODUCT.

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

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

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

CAUTION:
CAUSES EYE IRRITATION
MAY BE MILDLY IRRITATING TO SKIN

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

EYE CONTACT: MODERATELY IRRITATING TO THE EYES.

SKIN CONTACT: MAY BE MILDLY IRRITATING TO SKIN.

INHALATION: NONE KNOWN.

INGESTION: MAY CAUSE IRRITATION TO MOUTH, THROAT AND STOMACH.

3. COMPOSITION/INFORMATION ON INGREDIENTS



HAZARDOUS INGREDIENTS:

INGREDIENT(S)	CAS #	WEIGHT %
POTASSIUM HYDROXIDE	1310-58-3	0.1 - 1.5%
MONOETHANOLAMINE	141-43-5	1 - 5%

4. FIRST AID MEASURES



EYE CONTACT:
FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION PERSISTS, 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: IF SWALLOWED, GIVE A CUPFUL OF WATER OR MILK.

AGGRAVATED MEDICAL CONDITIONS: NONE KNOWN.

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. 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, EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. 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
POTASSIUM HYDROXIDE	2 MG/M3 (CEILING)		
MONOETHANOLAMINE	6 PPM (STEL)	3 PPM (TWA)	6 PPM (STEL)
	3 PPM (TWA)	6 MG/M3 (TWA)	15 MG/M3 (STEL)
			8 MG/M3 (TWA)
			3 PPM (TWA)
HMIS:			
HEALTH	2		
FIRE HAZARD	0		
REACTIVITY	0		

PERSONAL PROTECTIVE EQUIPMENT: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

APPEARANCE: LIQUID

COLOR: ORANGE

ODOR: LEMON

pH: 12.1

DILUTION pH: NO INFORMATION AVAILABLE.

SPECIFIC GRAVITY: 1.01

DENSITY: 8.40 LBS/GAL

BULK DENSITY: NO INFORMATION AVAILABLE

VAPOR DENSITY: NO INFORMATION AVAILABLE

EVAPORATION RATE: NO INFORMATION AVAILABLE

VISCOSITY: NO INFORMATION AVAILABLE

SOLUBILITY: COMPLETELY SOLUBLE

VOC: 2% *

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

HAZARDOUS DECOMPOSITION PRODUCTS: NONE REASONABLY FORESEEABLE.

11. TOXICOLOGICAL INFORMATION



HAZARDOUS INGREDIENTS:

INGREDIENT(S)	LD50 ORAL - RAT (MG/KG)	LD50 DERMAL - RABBIT	LC50 INHALATION - RAT
POTASSIUM HYDROXIDE	214	NOT AVAILABLE	NOT AVAILABLE
MONOETHANOLAMINE	1720	1 ML/KG	NOT AVAILABLE

ACUTE TOXICITY: ORAL LD50 ESTIMATED TO BE GREATER THAN 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

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), PHILIPPINES (PICCS), CHINA (IECSC).

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				
POTASSIUM HYDROXIDE	1310-58-3	X	X	X	X
DIPROPYLENE GLYCOL n-BUTYL ETHER	29911-28-2				
TRIPROPYLENE GLYCOL n-BUTYL ETHER	55934-93-5				
TALL OIL FATTY ACID	61790-12-3				
PROPYLENE GLYCOL PHENYL ETHER	770-35-4				
ALCOHOL ETHOXYLATES	34398-01-1				
MONOETHANOLAMINE	141-43-5	X	X	X	X

CERCLA / SARA:

INGREDIENT(S)	WEIGHT %	CERCLA/SARA RQ (LBS)	SECTION 302 TPQ (LBS)	SECTION 313
POTASSIUM HYDROXIDE 1310-58-3	0.1 - 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

16. OTHER INFORMATION



REASON FOR REVISION: NOT APPLICABLE

PREPARED BY: NAPRAC

ADDITIONAL ADVICE: NONE

NOTICE TO READER:
THIS DOCUMENT HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED
TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR
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LOCAL LAWS AND REGULATIONS.