

MATERIAL SAFETY DATA SHEET

POWER CLEAN ALL-PURPOSE CLEANER



MSDS DATE: 7/31/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Power Clean All-purpose Cleaner & Degreaser
SYNONYMS:
PRODUCT CODES: #11088, 11087, 11089
MANUFACTURER: RJ Star, Inc.
ADDRESS: 11469 8th St NE – Hanover, MN 55341
EMERGENCY PHONE: 763-497-5155
FAX PHONE: 763-497-5125
PRODUCT USE: Spray-on cleaning and degreasing product

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Glycol Ethers	111-76-2	< 4.0	< 4.0	Y
	OSHA PEL-TWA:	25 ppm skin	ACGIH TLV-TWA: 20 ppm skin	
Nonylphenol Ethoxylate	9016-45-9	< 3.0	< 3.0	N
	OSHA PEL-TWA:	N.E.	ACGIH TLV-TWA: N.E.	

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Inhalation/Skin/Ingestion

POTENTIAL HEALTH EFFECTS

EYES: May cause moderate eye irritation. Vapors may irritate eyes.

SKIN: Prolonged or repeated exposure may cause skin irritation.

INGESTION: If swallowed, may cause nausea, diarrhea, vomiting

INHALATION: May irritate mucous membranes

ACUTE HEALTH HAZARDS: None known

CHRONIC HEALTH HAZARDS: Excessive exposure may cause irritation to upper respiratory tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

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CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with plenty of water for at least 10 minutes.

SKIN: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes.

INGESTION: If swallowed, drink large amounts of water and get medical attention.

INHALATION: Remove to fresh air.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: > 212 F

NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

INSTABILITY: 0

SPECIAL HAZARDS: NONE

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: B

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Not considered a fire hazard

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, possibly Carbon Monoxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Flush affected area with water

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep in original container. Keep from freezing.

OTHER PRECAUTIONS: Keep product away from children.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Standard industrial practices

RESPIRATORY PROTECTION: Standard industrial practices

EYE PROTECTION: Protective eyeglasses or chemical safety goggles

SKIN PROTECTION: Protective gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Standard industrial practices

WORK HYGIENIC PRACTICES: Standard industrial hygienic practices

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque liquid

ODOR: Citrus scent

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 9.0

BOILING POINT

F: 212

C: 100

MELTING POINT: N/A

F:

C:

FREEZING POINT

F: 32

C: 0

VAPOR PRESSURE (mmHg): 760

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F: 77

C: 25

VAPOR DENSITY (AIR = 1): N/A

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 0.99

@

F: 77

C: 25

EVAPORATION RATE: < 1

BASIS (=1)

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Soluble

VOLATILE ORGANIC COMPOUNDS (VOC): 0.3 lb/gallon (35.9 g/liter)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide, possibly Carbon Monoxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Flush to sewer with water

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

FREIGHT CLASS: Class 55

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: YES

SECTION 16: OTHER INFORMATION

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