

# **POWER X ORANGE CLEANER**

**Item No. CS2628OC**

Quick Identifier

## **Material Safety Data Sheet**

EMERGENCY PHONE NUMBER: (816) 847-6905

### **SECTION I - IDENTITY**

COMMON NAME: Power X Orange Cleaner.

CHEMICAL FAMILY: Household Cleaner

SYNONYMS: Not Applicable.

### **SECTION II – HAZARDOUS INGREDIENTS**

CHEMICAL IDENTITY/COMMON NAME	%	THRESHOLD LIMIT VALUE	
		LC <sub>50</sub> ppm (Rat, inhalation)	LD <sub>50</sub> mg/kg (Rat, oral)
Sodium Hydroxide (CAS# 1310-73-2)	< 0.01	Not Available	500 (rabbit)
d-Limonene (CAS#5989-275)	< 0.01	Not Available	Not Available

### **SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS**

BOILING POINT: > 200 ° F.

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.998

VAPOR PRESSURE (mm Hg): N.A.

VAPOR DENSITY (AIR=1): N.A.

EVAPORATION RATE (Water = 1): N.A.

pH VALUE: 10.5

SOLUBILITY IN WATER: Complete

FREEZING POINT: 32° F.

PERCENT VOLATILE BY VOLUME: < 0.1%

APPEARANCE AND ODOR: A clear reddish orange liquid with characteristic citrus turpene odor.

### **SECTION IV - FIRE FIGHTING MEASURES**

FLASH POINT (TCC): > None

LEL: Not Applicable UEL: Not Applicable

EXTINGUISHING MEDIA: Water spray, dry chemical or carbon dioxide..

**SPECIAL FIRE FIGHTING PROCEDURES:** Evacuate area of all unnecessary personnel. Use NIOSH (National Institute of Occupational Safety and Health) self-contained breathing apparatus and other protective equipment. Water fog or spray may be used to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Thermal decomposition will result in generation of carbon monoxide and carbon dioxide.

### **SECTION V - PHYSICAL HAZARDS**

STABILITY:  UNSTABLE  
 STABLE

CONDITIONS TO AVOID: Strong alkali, acid and oxidizing agents

**INCOMPATIBILIY (MATERIALS TO AVOID):** Reducing materials, strong acids and strong alkali materials.

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**HAZARDOUS DECOMPOSITION PRODUCTS:** By Heat and Fire: Carbon monoxide and carbon dioxide.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR  
 WILL NOT OCCUR

CONDITONS TO AVOID: None

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## **SECTION VI - HEALTH HAZARD DATA**

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PRIMARY ROUTE(S) OF ENTRY: EYE: X , INHALATION: , SKIN: X , INGESTION:

### **EFFECTS OF ACUTE EXPOSURE:**

**Eyes:** If splashed into eyes, it will cause irritation.

**Inhalation:** Spray or mist may cause respiratory irritation.

**Ingestion:** May be harmful swallowed.

**Skin:** Prolonged exposure may cause irritation

**MEDICAL CONDITIONS GENERALLY AGRIVATED BY EXPOSURE:** Prolonged contact with skin may cause irritation.

**Carcinogenic:** Not listed by IARC and ACGIH as carcinogen

**Reproductive effects, Teratogenicity, Mutagenicity:** Not Available

**Sensitization to Product:** Not Available

**Name of Toxicologically Synergistic Products:** Not Available.

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## **SECTION VII – EMERGENCY AND FIRST AID PROCEDURES**

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**Ingestion:** Do not induce vomiting. If conscious, have victim rinse mouth, then drink large amount of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to area free from further exposure. Call a physician if discomfort persists

**Eyes:** Flush with plenty of water for a minimum of 15 minutes, holding eyelids open all the time. Seek medical attention if irritation persists.

**Skin:** Wash contaminated area with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

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## **SECTION VIII- PREVENTATIVE RELEASE MEASURES**

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### **Steps to be taken if material is Released or Spilled:**

In case of large spills evacuate area of all unnecessary personnel. Wear protective equipment and/or garment. Prevent additional discharge of materials if possible to do without hazard. Dike large spills and transfer to suitable container for disposal. In case of small spill rinse with water and dispose through regular drainage system. Dispose large spills according to Federal, State and Local regulation.

**Waste Disposal Methods:** Dispose large spills according to Federal, State and Local regulation.

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## **SECTION IX – HANDLING AND STORAGE**

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Handling: Avoid contact with eyes and skin. Wash thoroughly after handling.

Storage: None.

**Other Precautions or Storage Conditions:** None.

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## **SECTION X – CONTROL MEASURES**

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VENTILLATION:

LOCAL EXHAUST: None required under normal use. MECHANICAL (General): Acceptable

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: No special requirements  
under conditions

EYE PROTECTION: No special requirements  
under normal conditions.

OTHER PROTECTIVE MEASURES: No special requirements.

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## **SECTION XI – TOXICOLOGY INFORMATION (Also see Section VI)**

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ENVIRONMENTAL DATA: Observe all applicable Federal/Provincial/State regulations and Local/ municipal ordinances regarding disposal

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## **SECTION XII – TRANSPORTATION INFORMATION**

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US DOT INFORMATION: Not Regulated

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## **SECTION XIII – REGULATORY INFORMATION**

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ADDITIONAL INFORMATION: Use as directed.

EPA REGISTRATION NO.: Not Applicable.

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## **SECTION XIV - DATE AND SIGNATURE**

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use.

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Revision Date: 14 January 2009  
Supersedes: 20 December 2002

The submission of this MSDS may be required by law, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.