



# MATERIAL SAFETY DATA SHEET

FILE NO.: 200011/Rev No. 5

NAME OF PRODUCT: The Commercial Tile Cleaner Stuff

MSDS DATE: AUGUST 2012

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** The Commercial Tile Cleaner Stuff  
**SYNONYMS:**  
**PRODUCT CODES:** JMCOMTILE  
**MANUFACTURER:** Jack's Magic Products, Inc.  
**DIVISION:**  
**ADDRESS:** 12435 73<sup>rd</sup> Court, Largo, FL 33773  
**EMERGENCY PHONE:** 1-800-424-9300  
**CHEMTREC PHONE:**  
**OTHER CALLS:**  
**FAX PHONE:**  
**CHEMICAL NAME:** Nonylphenol Ethoxylate  
**CHEMICAL FAMILY:** Nonionic surf  
**CHEMICAL FORMULA:** C<sub>15</sub> H<sub>24</sub> O (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> n is variable  
**PRODUCT USE:**  
**PREPARED BY:**

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
9016-45-9	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:			
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:			
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

### SECTION 2 NOTES:

## SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do Not breathe vapor, mist, or dust. Do Not get in eyes. Avoid prolonged or repeated contact with skin.

**ROUTES OF ENTRY:** Eye contact, skin contact

### POTENTIAL HEALTH EFFECTS

**EYES:** Eye contact with product may cause irritation, burns.

**SKIN:** Skin contact may cause irritation. Prolonged or repeated skin contact may cause irritation, dermatitis. May be absorbed in harmful amounts

**INGESTION:** Ingestion may cause nausea, vomiting, diarrhea

**INHALATION:** Inhalation may cause irritation, coughing, headache, nausea, drowsiness.

**ACUTE HEALTH HAZARDS:** Overexposure may aggravate disorders of the skin.

**CHRONIC HEALTH HAZARDS:** Overexposure may aggravate disorders of the skin.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

### CARCINOGENICITY

OSHA: 0.1% or less      ACGIH: 0.1% or less      NTP: 0.1% or less      IARC: 0.1% or less

OTHER:

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

**INGESTION:** Do Not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately.



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INHALATION: Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

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## SECTION 5: FIRE-FIGHTING MEASURES

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

FLASH POINT:

F: > or =250 deg. F (PMCC)

C:

METHOD USED:

AUTOIGNITION TEMPERATURE:

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

PROTECTION:

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

SPECIAL FIRE FIGHTING PROCEDURES: Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing. A direct stream of water may cause foaming. Use water to cool containers exposed to fire.,

UNUSUAL FIRE AND EXPLOSION HAZARDS: Hot organic chemical vapors may spontaneously ignite or explode when mixed with air, even at temperatures below their published autoignition temperature.

HAZARDOUS DECOMPOSITION PRODUCTS:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Contain Spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (Muriatic) acid. If required, notify state and local authorities. Product may be toxic to fish or aquatic life.

DISPOSAL METHOD: Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Keep container closed when not in use. Do Not store above 120 deg. F. Keep out of reach of children.

OTHER PRECAUTIONS:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Mechanical general ventilation is usually adequate.

VENTILATION : Local mechanical ventilation may be required.

RESPIRATORY PROTECTION: None normally required. Traces of ethylene oxide and/or propylene oxide could accumulate in headspace of drums, storage/transport vessels or in enclosed areas where the product is being handled or used. If the product is handled according to the recommendations set forth in this Material Safety Data Sheet, the presence of trace amounts is not expected to result in any short or long term hazard. Ethylene oxide and propylene oxide are considered by OSHA as potential carcinogens and reproductive hazards for humans. Jack's Magic urges that users of this product confirm that their operating, storage, and distribution facilities comply with the OSHA Standard (29 CFR 1910.1047), and that personnel be monitored to determine levels of exposure.

EYE PROTECTION: Safety glasses with non-perforated side shield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

SKIN PROTECTION: Impervious gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety shower, eye wash fountain, and washing facilities should be readily available.



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**WORK HYGIENIC PRACTICES:** Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before reuse.

**EXPOSURE GUIDELINES:**

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Colorless To Lightly Colored Liquid  
**ODOR:** Mild Aromatic  
**PHYSICAL STATE:** Liquid  
**pH AS SUPPLIED:** 5.00 – 8.00  
**pH (Other):**  
**BOILING POINT:** F: > OR = 482 deg. F  
**MELTING POINT:** F:  
**FREEZING POINT:** F: 39 deg. F  
**VAPOR PRESSURE (mmHg):** <0.0100  
**VAPOR DENSITY (AIR = 1):** > or = 1.00000  
**SPECIFIC GRAVITY (H2O = 1):** > OR = 1.0550 @ 68 deg. F  
**EVAPORATION RATE:** (N-Butyl Acetate =1): < 0.0100 F BASIS (=1):  
**SOLUBILITY IN WATER:** Soluble  
**PERCENT SOLIDS BY WEIGHT:**  
**PERCENT VOLATILE BY VOLUME:** N/D  
**VOLATILE ORGANIC COMPOUNDS (VOC):**  
    **WITH WATER:** LBS/GAL  
    **WITHOUT WATER:** LBS/GAL

**MOLECULAR WEIGHT:**

**VISCOSITY:**

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable

**CONDITIONS TO AVOID (STABILITY):**

**INCOMPATIBILITY (MATERIAL TO AVOID):** Inorganic acids, inorganic bases. Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, miscellaneous organic compounds, some possibly toxic.

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID (POLYMERIZATION):**

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Based on Laboratory test data may cause Lung inflammation from occluded skin contact based on similar product testing.

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** Not Available

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Follow applicable local, state, and federal regulations

**RCRA HAZARD CLASS:**

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## SECTION 14: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION**  
**PROPER SHIPPING NAME:** Unclassified  
**HAZARD CLASS:** NA  
**ID NUMBER:** NA  
**PACKING GROUP:** NA  
**LABEL STATEMENT:** NONE



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## WATER TRANSPORTATION

PROPER SHIPPING NAME:  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:

## AIR TRANSPORTATION

PROPER SHIPPING NAME:  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:

OTHER AGENCIES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): LISTED

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):LISTED

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): LISTED

311/312 HAZARD CATEGORIES: Accute

313 REPORTABLE INGREDIENTS:

### EPCRA APPLIES:

312: Y 9016-45-9

313: N 9016-45-9

312: Y GLYCOL ETHER

313: Y GLYCOL ETHER

STATE REGULATIONS:

INTERNATIONAL REGULATIONS: LISTED IN:

CANADA (DSL), EUROPE (EINECS), AUSTRALIA (AICS), JAPAN (MOL/ISHL), CHINA

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

HMIS HEALTH:	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

PREPARATION INFORMATION:

DISCLAIMER: