



SAFETY DATA SHEET

COMMERCIAL TILE CLEANER STUFF

FILE NO.: SDS-0003
MSDS DATE: 12/16/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COMMERCIAL TILE CLEANER STUFF
SYNONYMS: NA
PRODUCT CODES: NA

MANUFACTURER: Jack's Magic
DIVISION: FL
ADDRESS: Largo, FL

EMERGENCY PHONE: 727-560-3177
CHEMTREC PHONE: 800-424-9300
OTHER CALLS: 727-504-0400
FAX PHONE: 727-532-0250

CHEMICAL NAME: COMMERCIAL TILE CLEANER STUFF
CHEMICAL FAMILY: Non-ionic Surfactants
CHEMICAL FORMULA: Proprietary

PRODUCT USE: Pool and Spa
PREPARED BY: J. Virgilio

SECTION 1 NOTES: NA

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is Harmful if ingested, it may cause nausea, headache, and a physician should be consulted if ingested or if eye irritation exists. Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves. Wear eye/face protection.

Classified as dangerous in accordance with the criteria of Directives 67/548/EEC and 1999/45/EC

Harmful to fish.

Harmful if swallowed.

Risk of serious damage to eyes. Wear gloves and eye protection (or face shield)

ROUTES OF ENTRY: EYES, SKIN CONTACT, INHALATION, INGESTION.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS: Hazardous in case of skin contact (irritant), of eye contact (irritant – can cause serious damage), of ingestion or inhalation (call poison center or physician if feeling irregular). Slightly hazardous in case of skin contact (corrosive), of eye contact (DANGEROUS). The amount of tissue damage depends on the length of contact time. Eye contact can result in corneal damage or blindness. Skin contact can produce minor inflammation and blistering. Inhalation of mist can produce irritation to gastro-intestinal or respiratory tract, characterized by slight burning, sneezing and coughing. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

CHRONIC HEALTH HAZARDS:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance can be toxic to mucous membranes, skin, and eyes. Repeated skin exposure can produce local skin irritation, or dermatitis. Repeated inhalation of vapor/mist can produce varying degree of respiratory irritation or lung damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

Components of this product contain no known Carcinogenic agents.

SECTION 3 NOTES: If product comes in contact with eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and can be done safely. Continue rinsing and consult a physician. If swallowed rinse mouth and call poison center or physician if you do not feel well.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

<u>CAS NO.</u>	<u>% WT</u>
Component A	>80
Component B	>15
Component C	<0.001
INERT Proprietary	Balance

SECTION 2 NOTES: Proprietary Formulation – Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

EYES: Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately. *Acute symptoms after contact: inflammation/damage to eye tissue. Stinging, redness, tearing, swelling and blurred vision.*

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. If irritation persists seek medical attention. *Acute symptoms after contact: No significant irritation.*

INGESTION: Rinse mouth with water. If ingested, give lots of water to drink. Do not induce vomiting unless directed to do so by medical professional. If vomiting occurs, keep head low so that stomach contents does not get into the lungs. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. *Acute symptoms after contact: Nausea. Vomiting.*

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration (CPR). If breathing is difficult, give oxygen. Get medical attention immediately. *Acute symptoms after contact: Irritation of the respiratory tract. Irritation of the nasal mucous membranes.*

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No further information Available.

SECTION 4 NOTES: Always have this SDS available for medical personnel responding to a victim of exposure.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not Available
(% BY VOLUME) **LOWER:** Not Available

FLASH POINT: NA

METHOD USED: NA

AUTOIGNITION TEMPERATURE: Not Applicable

HMS HAZARD CLASSIFICATION

HEALTH: 3

FLAMMABILITY: 1

REACTIVITY: 0

PROTECTION: Inhalation Protection – Upon combustion: Hazardous gases can be formed.

EXTINGUISHING MEDIA: Powder, Alcohol resistant foam, Carbon dioxide (CO2).

UNSUITABLE EXTINGUISHING MEDIA: Do Not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES: Gloves, safety glasses, Protective clothing. Heat/Fire Exposure: compressed air/oxygen apparatus.



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UNUSUAL FIRE AND EXPLOSION HAZARDS: Remove containers from fire area into safe area away from heat. Do not move the load if exposed to heat. After cooling: persistent risk of physical ignition or rupture.

HAZARDOUS DECOMPOSITION PRODUCTS: During fire, gases hazardous to health may be formed.

SECTION 5 NOTES: NA

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: For personal protection see section 8. Persons not wearing appropriate protective gear should be excluded from area of spill until clean-up has been completed. If area is not well ventilated, add ventilation for safe occupation of the area while clean-up is conducted.

ENVIRONMENTAL PRECAUTIONS: Prevent spreading concentrate solution over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Spilled material must be collected and properly disposed of. Never return spill material to its original container. Clean contaminated surfaces with plenty of water. Wash clothing and equipment after handling.

METHODS FOR CLEAN-UP: This product is miscible in water. This material is classified as a pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Keep in suitable, closed containers for disposal. Plug the leak(s), cut off supply of spill. Dam up and soak up with inert absorbent

SECTION 6 NOTES: Avoid open flames. Comply with all applicable federal, state, and local regulations for clean-up and disposal methods.

SECTION 7: HANDLING AND STORAGE

HANDLING: Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Do not ingest. When using do not eat, drink, smoke or use smokeless tobacco. Provide adequate ventilation. Wear appropriate protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

STORAGE: Store in a cool, dry, ventilated area. Keep from freezing or away from open flames/heat. Keep out of direct sunlight. Keep only in original (labeled) container. Meet all state and local legal requirements.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in the data sheet must be observed.

SECTION 7 NOTES: NA

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL ADVICE: These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

VENTILATION: Always use this material in a well ventilated area (typically 10 air changes per hour). Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. A risk assessment should be conducted to determine the appropriate PPE.

RESPIRATORY PROTECTION: A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

EYE PROTECTION: Wear chemical splash goggles or face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area.

SKIN & BODY PROTECTION: Wear appropriate chemical impervious clothing, gloves and boots whenever there is potential for skin contact with product (PVC or Rubber). Launder clothing before reuse. Maintain safety shower at all locations where skin contact is imminent. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.



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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Aprons are to be worn if material is likely to splash, spill or produce a mist, vapor or spray.

WORK HYGIENIC PRACTICES: Wash hands often and whenever you have completed handling this material before you handle other items including your eyes, mouth, etc.

EXPOSURE GUIDELINES: Mechanical ventilation systems used to ventilate corrosive storage or process areas in areas, such as manufacturing, should be designed with components that are corrosion resistant.

SECTION 8 NOTES: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to light yellow liquid

ODOR: Mild aromatic

PHYSICAL STATE: Liquid.

pH AS SUPPLIED: NA

pH (1% Solution in H₂O): 5-8

BOILING POINT: >482 deg F (Pensky-Martens Closed Cup)

MELTING POINT: 107.6 – 109.4 deg F

FREEZING POINT: NA

VAPOR PRESSURE (kPa): > 0.01 mm Hg @20 deg C

VAPOR DENSITY (AIR = 1): 1

SPECIFIC GRAVITY (H₂O = 1): > 1.055 @20 deg C

EVAPORATION RATE: 0.01 BuAc

POLYMERIZATION: NA.

SOLUBILITY IN WATER: Easily soluble in cool water, hot water. Soluble in dilute material.

PERCENT SOLIDS BY WEIGHT: NA

PERCENT VOLATILE: NA

VOLATILE ORGANIC COMPOUNDS (VOC): NA

MOLECULAR WEIGHT: 8.81 Lbs/gal.

SECTION 9 NOTES: NA

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Product is stable and non-reactive under normal conditions of use, storage and transport.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID (STABILITY): Excessive heat or freezing. Keep away from open flames/heat.

INCOMPATIBILITY: Strong Acids, acids, oxidizing agents, aluminum, inorganic acids and bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon oxides, organic compounds which may be toxic.

HAZARDOUS POLYMERIZATION: Material will not undergo hazardous polymerization.

SECTION 10 NOTES: NA



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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL: Oral – LD50 - 270 mg/kg (Guinea Pig), 280 mg/kg (Mouse), 72 mg/kg (Rat)
Dermal – NA
Inhalation – LC50 – 1.8 mg/kg in 4 hrs (Dog), 1.5 mg/kg in 4 hrs (Guinea Pig & Mouse), 1.44 mg/kg in 4 hrs (Rat)
***Conclusion:** Harmful if swallowed, Low acute toxicity by oral route. Low acute toxicity by inhalation route.

CORROSION / IRRITATION: EYE: Causes serious eye damage.
SKIN: Causes skin irritation.
INHALATION – No adverse effects due to inhalation are expected.
***Conclusion:** Irritant to the skin. Causes serious eye damage.

RESPIRATORY OR SKIN SENSITIVITY:
SKIN: Not Sensitizing.
INHALATION: Not Sensitizing.
***Conclusion:** Not classified as sensitizing for skin or inhalation.

SPECIFIC TARGET ORGAN TOXICITY:
ORAL: No Data Available.
DERMAL: No Data Available.
INHALATION: No Data Available.

SECTION 11 NOTES: All above Toxicology info refers to Component A. This product is not classified as a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

BIODEGRADABILITY: No Data Available

TOXICITY TO FISH:
FRESH WATER FISH: 96 hrs - LC 50 – Fathead Minnow (Pimephales promelas) – 73-96 mg/l - Method: NA
FRESH WATER INVERTEBRATES: No Data Available.
SALT WATER: No Data Available
***Conclusion:** Harmful to fishes.

TOXICITY TO ALGAE: No Data Available

TOXICITY TO BACTERIA: No Data Available

BIOCHEMICAL OXYGEN DEMAND: No Data Available

CHEMICAL OXYGEN DEMAND: No Data Available

SECTION 12 NOTES: All above Ecological info refers to Component A.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Remove to an authorized plant for destruction, neutralization and elimination of hazardous waste. Hazardous waste shall not be mixed together with other waste or other types of hazardous waste, if it may entail a risk of pollution or create problems for future management of the waste. Do not allow material to drain into sewers/water supplies. Dispose in accordance with all local, state and federal laws.

SECTION 13 NOTES: NA



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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: **Corrosive liquids, oxidizing, n.o.s.**
HAZARD CLASS: 5.1 (8)
ID NUMBER: UN3093
PACKING GROUP: II
LABEL STATEMENT: O2

AIR (ICAO-TI/IATA-DGR) TRANSPORTATION:

PROPER SHIPPING NAME: **Corrosive liquids, oxidizing, n.o.s.**
HAZARD CLASS: 5.1 (8)
ID NUMBER: UN3093
PACKING GROUP: II
LABEL STATEMENT: O2
SPECIAL PROVISIONS: Passenger and Cargo Transport: Allowed.

OTHER AGENCIES: NA

SECTION 14 NOTES: Quantity Limits: Passenger/Cargo Aircraft = 2.5 kg, Vessel Stowage: 30 kg., Road: 30 kg., Rail: 30 kg.

Dangerous goods description (if indicated above) may not reflect quantity, end-use or region-specific exceptions that may apply. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Section 12(b) Export Notification (40 CFR 707, Subpt. D)

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Hazardous substance listed (40 CFR 302.4)

SARA 304 (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Emergency release notification. CAS 75-21-8 (10 lbs)

OSHA: 29 CFR 1910.1001-1050

CAS 75-21-8 Cancer, Reproductive Toxicology, Mutagenicity, Central nervous system, Skin sensitization, Skin irritation, Eye irritation, respiratory tract irritation, Acute toxicity, Flammability.

STATE REGULATIONS: NOT REGULATED

INTERNATIONAL COMPLIANCE REGULATIONS:

Canada Legislation: Domestic Substances List (DSL), Non-domestic substances List (NDSL)
US & Puerto Rico legislation: Toxic Substances Control Act (TSCA) Inventory.

SECTION 15 NOTES: Warning: contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

REFERENCES: Information based on classification according to H.C. (02/2015).

PREPARATION INFORMATION CREATED: 12/16/2015 LAST UPDATED: 12/16/2015

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