

**MATERIAL SAFETY DATA SHEET****SECTION ONE**      *PRODUCT*

PRODUCT NAME Pick-A-Job

CHEMICAL FAMILY

Acid Based Detergent

SUPPLIERS NAME TITAN INDUSTRIAL SUPPLY, LLC

PO BOX 635

GROVER, MO 63040

ADDRESS

636-273-9033

EMERGENCY CONTACT

**1-800-752-6589**

CITY STATE

**SECTION TWO**      *HAZARDOUS INGREDIENTS*

MATERIAL OR COMPONENT

HAZARD DATA

Inhibited Hydrochloric Acid CAS 7647-01-0

Celimg 5 ppm TWA TLV 5 ppm

**DOT DESCRIPTION**

Detergent compound, liquid

NFPA    Health-3    Flammability-0    Reactivity-0    Other-H

HMIS    Health-3    Flammability-0    Reactivity-0    Other-Corrosive

**SECTION THREE**      *PHYSICAL AND CHEMICAL CHARACTERISTICS*

BOILING POINT

182 F

SPECIFIC GRAVITY

1.03

VAPOR PRESSURE

25 @ 68 F

SOLUBILITY IN WATER

Complete

REACTIVITY IN WATER

APPEARANCE AND ODOR    Red with sasafrass odor.

**SECTION FOUR**      *FIRE AND EXPLOSION DATA*

FLASH POINT

N/A

FLAMMABLE LIMITS    N/A

EXTINGUISHING MEDIA    N/A

SPECIAL FIRE FIGHTING PROCEDURE

N/A

UNUSUAL FIRE EXPLOSION HAZARDS N/A

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**SECTION FIVE** *REACTIVITY DATA*

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**STABILITY** Stable**INCOMPATIBILITY** Strong oxidizing agents**HAZARDOUS DECOMPOSITION PRODUCT**

Liberate Hydrogen Chloride

**HAZARDOUS POLYMERIZATION**Will not occur

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**SECTION SIX** *HEALTH*

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**EFFECTS OF OVEREXPOSURE****EYES** May cause severe burns to the eyes and eyelids.**SKIN** May cause severe burns to skin.**INHALATION** Causes severe irritation to the respiratory tract.**INGESTION** Causes severe burns to the mucous membranes of the mouth, esophagus and stomach.

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**SECTION SEVEN** *EMERGENCY AND FIRST AID*

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**EYES** Flush with water for 15 minutes. Time is of the essence to limit damage. Contact a physician immediately.**SKIN** Wash with soap and water. Rinse thoroughly. If irritation persists, consult a physician.**INHALATION** Remove individual to fresh air source. Give oxygen if available. If breathing has stopped, begin CPR**INGESTION** Dilute by drinking milk, water, chalk or magnesia. DO NOT Induce Vomiting. Call a physician immediately.

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**SECTION EIGHT** *SPECIAL PROTECTION*

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**EYE PROTECTION** Safety glasses**GLOVES** Acid Resistant**VENTILATION** Mechanical is satisfactory**RESPIRATORY PROTECTION** If TLV is exceeded, wear a NIOSH approved respirator.**OTHER PROTECTIVE EQUIPMENT** Acid resistant and aprons or boots may be required.

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**SECTION NINE** *SPILL OR LEAK PROCEDURES*

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**IN CASE OF SPILL**

Neutralize with soda ash.

**WASTE DISPOSAL METHOD**

In accordance with local, state, and federal regulations.

**STORAGE AND HANDLING PRECAUTION**

Store away from strong oxidizing agents.

**PREPARED BY:** KENT D. ZIMMERMAN **TITLE:** CHEMIST **DATE** 08-14-05