# SAFETY DATA SHEET

JOHN-HENRY ENTERPRISES, INC.

**Date Prepared :** 07/01/2015
**SDS No :** 5103
**Date Revised :** 01/22/2017
**Revision No :** 2

## MAGNUM D

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MAGNUM D
**GENERAL USE:** Heavy Duty Water Based Cleaner/Degreaser
**PRODUCT CODE:** 5103

**MANUFACTURER**

JOHN-HENRY Enterprises, Inc.
2813 Richland Ave
Metairie, LA 70002
**Emergency Contact:** H. Zeller
**Emergency Phone:** 504-888-8989

**24 HR. EMERGENCY TELEPHONE NUMBERS**

US/Canada: 800-535-5053

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**

Serious Eye Damage, Category 1A
Skin Corrosion/Irritation (reversible), Category 2
Respiratory Tract Irritation, Category 2A
Carcinogenicity, Category 4

**Physical:**

Corrosive to Metals, Category 3

### GHS LABEL

CORROSIVE: Causes severe irritation and can cause burns and permanent damage to eyes. Causes moderate to severe irritation and possibly burns to skin. Mists and spray can irritate eyes, nose, throat, and respiratory system. Ingestion can cause severe irritation, burns and tissue damage to mouth, throat, esophagus, and stomach. May be harmful or fatal if swallowed. Vapors can cause nervous sytem depression.


Health hazard


Irritant


Severe Irritant/Corrosive

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.
H303 + H333: May be harmful if swallowed or if inhaled.
H333: May be harmful if inhaled.
H290: May be corrosive to metals.

### PRECAUTIONARY STATEMENTS

**General:**

P102: Keep out of reach of children.
P103: Read label before use.

**Prevention:**

2828VC61: Avoid eye contact
P262: Do not get in eyes, on skin, or on clothing.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
9913FBB7: Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

**Response:**

6156HX6P: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (See First Aid Section for more details)
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
2647OCLL: IF SWALLOWED: Immediately call a POISON CENTER , doctor, or other qualified medical personnel. (See First Aid Section for more information) Rinse mouth. Do NOT induce vomiting.
P362+P364: Take off contaminated clothing and wash it before reuse.

**Storage:**

75990X3S: Keep only in original container. Store in a cool, well-ventilated space. Keep container tightly closed.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Extremely irritating to the eyes and may cause severe damage including blindness.

**SKIN:** Prolonged contact can cause severe skin irritation and possible burns.

**INGESTION:** Causes severe irritation and possibly burns to mouth, throat, esophagus, and gastrointestinal system. May cause gastrointestinal disconfort, including nausea, vomiting, diarrhea, etc

**INHALATION:** Mists, sprays, or vapor can be irritating to eyes and respiratory tract. Vapors and mists can cause irritation, dizziness, drowsiness, headache, and other central nervous system depression

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---|---|---|
| Synthetic Sodium Silicate | < 2 | Proprietary |
| Potassium Hydroxide | < 2 | 1310-58-3 |
| Glycol ether | 8 - 10 | Proprietary |
| Trisodium NTA | < 2.5 | 5064-31-3 |
| Other ingredients are not hazardous or are present at levels that do not present a significant hazard. | > 84 | mixture |

## 4. FIRST AID MEASURES

**EYES:** Gently hold eyelids open and immediately flush eyes with water for at least 15 minutes or until pain eases. Remove contact lenses if possible. Seek medical attention, especially if there are visible burns or damage to or around eyes.

**SKIN:** Remove contaminated clothing and footwear. Flush off with copious amounts of running water. Seek medical attention for burns or if irritation persists or worsens.

**INGESTION:** Get immediate emergency medical attention (Call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give water, milk, or dilute citrus juice unless unconscious or convulsing. Keep patient warm, quiet, and comfortable and treat for shock.

**INHALATION:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. Give oxygen if breathing is difficult and seek prompt medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Severe irritation or pain, tearing, redness, blurring and/or temporary loss of vision.May cause burns to and around eyes.

**SKIN:** Causes moderate to severe irritation and possibly burns.

**INGESTION:** Causes severe irritation and burns to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

**INHALATION:** Vapors, spray or mists can irritate eyes, nose, throat, and respiratory tract. Vapors can cause dizziness, drowsiness, nausea, headache, drunkenness, vomiting, unconsciousness, and other anesthetic effects.

**NOTES TO PHYSICIAN:** Treat symptomatically. If burns are present, treat for thermal burns.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable - Water based product with no flashpoint.

**EXTINGUISHING MEDIA:** Not applicable - water based product. After water has evaporated, use water (fog or spray) or chemical foam on

burning solids.

**HAZARDOUS COMBUSTION PRODUCTS:** After water has evaporated, burning solids will produce oxides of carbon and nitrogen, organonitrogen, and hydrocarbon residues and acrid fumes

**EXPLOSION HAZARDS:** Containers can burst if exposed to flames or high temperatures.

**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool intact containers.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with water.

**LARGE SPILL:** Wear appropriate PPE. Remove uninvolved personnel from area. Stop flow. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Rinse spill area with water.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes and prolonged contact with skin. Read and understand product label and SDS before handling any chemical. Always wear recommended personal protective equipment. Follow label cautions and instructions.

**STORAGE:** Store in original containers in well ventilated area. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, fumes, spray, or mists. Provide local exhaust for enclosed areas.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses or goggles and face shield (recommended) when handling.

**SKIN:** Avoid prolonged or repeated contact. Wear rubber, latex, or other chemical resistant gloves.

**RESPIRATORY:** Use with adequate ventilation. Wear a NIOSH approved air purifying respirator where vapors, mists or spray are excessive or exceed exposure limits.

**WORK HYGIENIC PRACTICES:** Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

**OTHER USE PRECAUTIONS:** Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or used.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** mild, ether-like

**APPEARANCE:** clear, red liquid

**pH:** > 13.0

**Notes:** (5% in water)

**PERCENT VOLATILE:** 90 - 95% (w/w)

**FLASH POINT AND METHOD:** > (200°F)

**VAPOR PRESSURE:** Same as water (approximately)

**VAPOR DENSITY:** Same as water (approximately)

**BOILING POINT:** greater than 212 deg F

**FREEZING POINT:** less than 32 deg F (0 deg C)

**SOLUBILITY IN WATER:** Complete in all proportions.

**EVAPORATION RATE:** Same as water (approximately)

**SPECIFIC GRAVITY:** 0.98 to 1.00

**(VOC):** ~ 9.5 percent (w/w)

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**HAZARDOUS POLYMERIZATION:** No

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with metals such as aluminum or zinc (releases hydrogen, a flammable gas). Reacts vigorously with concentrated acids (generating heat and steam)

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, and nitrogen, organonitrogen, and and hydrocarbon residues, acrid inorganic fumes

**INCOMPATIBLE MATERIALS:** Concentrated acids, oxidizing agents, concentrated ammonia

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**

**NOTES:** No toxicity data available for product

**CARCINOGENICITY**

| Chemical Name | IARC Status |
|---|---|
| Trisodium NTA | Group 2B, Possible Human Carcinogen |

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data

**GENERAL COMMENTS:** All surfactants are readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. Surfactants and other organic components are biodegradable. Collect and neutralize spent solutions and discharge to a waste water treatment facility.

**FOR LARGE SPILLS:** See Section 6

**EMPTY CONTAINER:** Rinse container thoroughly with water and recycle.

**RCRA/EPA WASTE INFORMATION:** Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** UN1760, Corrosive Liquid, n.o.s. (contains Potassium Hydroxide), 8, III

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** UN1814, POTASSIUM HYDROXIDE SOLUTION, N.O.S., 8, PG III

## 15. REGULATORY INFORMATION

**UNITED STATES**

**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**


Corrosive

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation/corrosion)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

| Chemical Name | Wt.% | CERCLA RQ |
|---|---|---|
| Potassium Hydroxide | < 2 | 1,000 |

**CERCLA RQ:** greater than 10000 lbs (as supplied)

**EPA**

**EPA RQ INGREDIENT:** Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

| Chemical Name | CAS |
|---|---|
| Potassium Hydroxide | 1310-58-3 |
| Glycol ether | Proprietary |
| Trisodium NTA | 5064-31-3 |

**TSCA STATUS:** All ingredients are included on the TSCA Inventory or are exempt

**CALIFORNIA PROPOSITION 65:** Contains a substances or substances known to the State of California to cause cancer

| Chemical Name | Wt.% | Listed |
|---|---|---|
| Trisodium NTA | < 2.5 | Cancer |

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** Convert to GHS format

**APPROVED BY:** H. Zeller

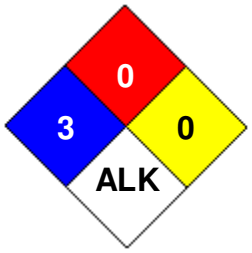
**PREPARED BY:** CSCC **Date Revised:** 01/22/2017

**REVISION SUMMARY:** This SDS replaces the 03/07/2016 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME.

**HMIS RATING**

| | |
|---|---|
| HEALTH | 3 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

**NFPA CODES**




**GENERAL STATEMENTS:** Amounts given herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present lt levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

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