

Date: February 8, 2012  
Prepared by: Dane Oberhill

Former date: May 11, 2010  
Reviewed by: Brian Haack

## 1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: MASTERCLEAN™ POWDER Product Code: 7-100803  
The intended use of the product is an extraction detergent for use on most difficult soil conditions.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc  
5285 Fox Street Unit A  
Denver, CO USA 80216  
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.  
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| 2.1 Hazardous Ingredients |   | 2.1.2               | 2.1.3          | 2.1.4                 |
|---------------------------|---|---------------------|----------------|-----------------------|
| 2.1.1                     | EINECS No   | Name                | Concentration% | Warning, Risk phrases |
| CAS #                     | Proprietary   | Phosphate Blend     | 30-60          | R20/21                |
| 6834-92-0                 | 231-673-0   | Sodium metasilicate | 1-5            | R 20/21               |
| 533-96-0                  | 208-580-9   | Sodium              |                |                       |
|                           |   | Sesquicarbonate     | 5-15           | R 20/21               |
| 7757-82-6                 | 231-820-9   | Sodium sulfate      | 5-15           | R 20/21               |
| 527-07-1                  | 208-407-7   | Sodium gluconate    | 1-5            | R37                   |
| 64-02-8                   | 200-02-9  | EDTA, tetra sodium  | 1-5            | R 20/21               |
| 34590-94-8                | 252-104-2   | Dipropylene glycol  |                |                       |
|                           |   | Monomethyl ether    | 1-5            | R 20/21               |
| 68439-46-3                | NA  | Ethoxylated alcohol | 1- 5           | R 20/21               |
| 29911-28-2                | 249-951-5   | Dipropylene glycol  | 1- 5           | R/20/21               |
|                           |   | n-butyl ether       |                |                       |
| 2.1.5                     | Three confidential ingredients: Enzyme mixture (<1%); Phosphate blend (30-60%); Fragrance (<1%) |                     |                |                       |
| 2.1.6                     | Confidential substances are not listed dangerous less than 1 percent each.                      |                     |                |                       |
| 2.1.7                     | Other information: Basic  |                     |                |                       |

## 3. HAZARDS IDENTIFICATION

**Human:** This product may cause irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause irritation to mucous membranes. Avoid contact with strong oxidising agents.

**Environment:** This product is unlikely to accumulate in aquatic environment.

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention.

**Inhalation:** Remove to fresh air. If trouble with breathing persists, seek medical attention.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

## 5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.

Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.

This product is unlikely to support combustion as it is not combustible and not an oxidizer.

Exposure hazard: decomposition of product may be oxides of carbon and sulphur.

## 6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for re-use or disposal. Check local authority for proper disposal methods.

Do not mix this product with other waste materials.

## 7. HANDLING AND STORAGE

Handle product with best business practices. Keep this product stored away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in a cool and dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values:

HTP values: None  
Other limit values: (USA) OSHA PEL Alkyl alcohol (400 ppm)  
Dipropylene glycol monomethyl ether (100 ppm)  
Nuisance dust 15 mg/m3

Limit values in other countries: Alkyl alcohol (400 ppm),  
D-limonene (20 ppm), Dipropylene glycol monomethyl ether (300 ppm)  
(UK), (MAC), (MAK), (DSL), (AICS), (ECL), (EIS), (ENCS), (PICCS)

### Exposure controls:

Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear a dust mask to avoid long term effect of breathing the material. Wear chemical impermeable gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

The product is a moist yellow powder with a citrus odour.  
Important health, safety and environmental information

|                             |                    |
|-----------------------------|--------------------|
| pH                          | 9.8                |
| Boiling point/boiling range | ND                 |
| Freezing point              | NA                 |
| Flash point                 | NA                 |
| Flammability (solid, gas)   | NA                 |
| Explosive properties        | Not explosive      |
| Oxidising properties        | Not an oxidiser    |
| Vapour pressure             | Very low           |
| Relative density            | Greater than water |
| Solubility                  | 100% in water      |
| Specific gravity            | 1.99               |
| RVOC%                       | 7.8                |

**10. STABILITY AND REACTIVITY**

The product is stable and will not polymerise. Avoid strong oxidising agents. Hazardous decomposition of product may be oxides of carbon and sulphur.

**11. TOXICOLOGICAL INFORMATION**

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

**12. ECOLOGICAL INFORMATION**

|                   |  |
|-------------------|--|
| Biodegradability: | NA   |
| Mobility:         | Soluble in water   |
| Bio-accumulation: | This product is unlikely to accumulate in waterways and will not accumulate in the environment. The impact on other organisms has not been determined. |

**13. DISPOSAL CONSIDERATIONS**

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

**14. TRANSPORTATION INFORMATION**

Not Regulated.

**15. REGULATORY INFORMATION**

|                 |  |
|-----------------|--|
| ILO:            | Xi (Irritant)  |
| WHMIS:          | Irritant   |
| Risk Phrases:   | R22 – Harmful if swallowed<br>R36/37/38 – Irritating to eyes, skin and respiratory system  |
| Safety Phrases: | S2 – Keep out of the reach of children<br>S13 – Keep away from food, drink and animal feeding stuffs<br>S24/25 – Avoid contact with skin and eyes<br>S37/39 – Wear suitable gloves and eye/face protection<br>S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label |

Special regulations on certain preparations:

| HMIS |                        | NFPA |
|------|------------------------|------|
| 1    | Health                 | 1    |
| 0    | Fire                   | 0    |
| 0    | Reactivity/Instability | 0    |
| E    | PPE                    |      |

**16. OTHER INFORMATION**

Restrictions on use: Ready to use after label dilution. This product is intended for professional use only.

Further information:

Call CHEM-TEL, INC. collect 1- 813-248-0582

Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

This product contains no Prop 65 materials.

This is a revised Safety Data Sheet.

Sodium phosphate, tribasic is listed in the following inventories:

USA (TSCA); Korea (KECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (ENCS) and Australia (AICS).  
CERCLA RQ: Sodium tripolyphosphate and EDTA: 2268 kg (5000 lbs)

Products listed as harmful by USA, DSL, EINECS, AICS, ECL, ENCS, PICCS: Dipropylene glycol monomethyl ether.

This information is furnished without warranty expressed or implied except that it is accurate to the best knowledge of Master Blend, Inc. The data and information on the Safety Data Sheet relates only to the specific material designated herein. Master Blend, Inc. assumes no legal responsibility for use or reliance upon the data.