P&S DISTRIBUTORS

Safety Data Sheet
Mr. Stringfields

SECTION 1: Identification

1.1 Product identifier

Product name	Mr. Stringfields Clean All

1.3 Recommended use of the chemical and restrictions on use

General-purpose industrial strength cleaner/degreaser.

1.4 Supplier's details

Name	P&S Distributors
Address	5109 West Beaver Street Jacksonville Florida 32254 USA
Telephone	904-716-1601

1.5 Emergency phone number(s)

904-716-1601

SECTION 2: Hazard identification

General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation, Cat. 5
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word **Danger**

Hazard statement(s)

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H333	May be harmful if inhaled

Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash … thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see … on this label).
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to …

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

1. Sodium metasilicate pentahydrate

Concentration	1- 5 % (weight), Proprietary*
EC no.	229-912-9
CAS no.	6834-92-0
Index no.	014-010-00-8

- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 1B

H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

2. Pentasodium Triphosphate

Concentration	1 - 5 % (weight), Proprietary*
EC no.	231-838-7
CAS no.	7758-29-4

- Eye damage/irritation, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity, single exposure, Cat. 3

3. Tetrasodium EDTA

Concentration	0 - 2 % (weight), Proprietary*
EC no.	200-573-9
CAS no.	64-02-8
Index no.	607-428-00-2

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

H302+H312	Harmful if swallowed or in contact with skin
H318	Causes serious eye damage

4. Triton® detergents

Concentration	1 - 5 % (weight), Proprietary*
CAS no.	9002-93-1

5. Butoxyethanol

Concentration	1 - 5 % (weight), Proprietary*
EC no.	203-905-0
CAS no.	111-76-2
Index no.	603-014-00-0

- Serious eye damage/eye irritation, Cat. 2
- Skin corrosion/irritation, Cat. 2
- Flammable liquids, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled

6. Disodium cocoamphodipropionate

Concentration	1 - 5 % (weight), Proprietary*
EC no.	271-704-5
CAS no.	68604-71-7

- Eye damage/irritation, Cat. 1

H318	Causes serious eye damage

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse. Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	Do not induce vomiting. Seek medical attention immediately. If person is fully conscious give 1 cup or 8 ounces (240 ml) of water. If medical advice is delayed and if an adult has swallowed several ounces of chemical, then give 3-4 ounces (1/3-1/2 Cup) (90-120 ml) of hard liquor such as 80 proof whiskey. For children, give proportionally less liquor at a dose of 0.3 ounce (1 1/2 tsp.) (8 ml) liquor for each 10 pounds of body weight, or 2 ml per kg body weight [e.g., 1.2 ounce (2 1/3 tbsp.) for a 40 pound child or 36 ml for an 18 kg child].

4.2 Most important symptoms/effects, acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Tetrasodium EDTA: Carbon oxides, nitrogen oxides (NOx), Sodium oxides

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

Further information
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 111-76-2
2-Butoxyethanol
ACGIH (USA): 20 ppm TLV® inhalation; Cal/OSHA: 20 ppm PEL inhalation; NIOSH: 5 ppm REL inhalation; OSHA: 240 mg/m3 PEL inhalation
Butoxyethanol
20 ppm, 97 mg/m3 PEL inhalation; ACGIH (USA): 20 ppm TWA inhalation; NIOSH (USA): 5 ppm, 24 mg/m3 TWA inhalation; OSHA: 50 ppm PEL inhalation; 240 mg/m3 PEL inhalation; 50 ppm, 240 mg/m3 TWA inhalation

8.2 Appropriate engineering controls
Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

Skin protection
Wear protective gloves. Consult manufacturer specifications for further information.

Body protection
Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Not required under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air

respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards
No data available.

Environmental exposure controls
Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Free flowing liquid
Odor	Sweet solvent odor.
Odor threshold	No data available.
pH	9 - 11
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	Not determined.
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Not determined.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability
Stable under normal storage conditions.

10.3 Possibility of hazardous reactions
No data available.

10.4 Conditions to avoid
Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials
Do not mix with Acids or Oxidizing materials like Bleach or Hydrogen Peroxide

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Sodium metasilicate pentahydrate : Strong oxidizing agents

Triphosphoric acid, pentasodium salt: Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products
Sodium metasilicate pentahydrate :
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Components:

Symptoms (including delayed and immediate effects):
Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing,nasal discharge, headache, hoarseness, and nose and throat pain.
Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

ATE (inhalation, gaseous) of mixture: 90000 ppmv

2-Butoxyethanol
LD50 Skin - Rabbit - 1,060 mg/kg
Remarks: OECD Test Guideline 402

2-BUTOXYETHANOL
LC50 Inhalation - Rat - 450 ppm
Remarks: Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain

2-BUTOXYETHANOL

Result: IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

2-Butoxyethanol
EC50 - Daphnia magna (water flea) - 1,550 mg/l - 48 h
Remarks: OECD Test Guideline 202

Ethylenediaminetetraacetic acid tetrasodium salt
LD50 Oral - Rat - 630-1,260 mg/kg

Sodium metasilicate pentahydrate

Result: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Sodium phosphate, tribasic
LD50 Oral - Rat - > 2,000 mg/kg

Sodium phosphate, tribasic
LC50 Inhalation - Rat - > 0.39 mg/l - 4 h
Citation: Sigma SDS

Sodium phosphate, tribasic
LD50 Skin - Rabbit - 4,640 mg/kg
Citation: Sigma SDS. GESTIS database

Sodium phosphate, tribasic
EC50 - Daphnia magna (water flea) - >100 mg/l - 48 h

Sodium tripolyphosphate

Result: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
No component of this product present at levels greater than or equal to 0.1% is identified as aknown or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Skin corrosion/irritation
Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Serious eye damage/irritation
Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Carcinogenicity
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH,NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Aspiration hazard
No data Available

Additional information
No data available.

SECTION 12: Ecological information

Toxicity
No data available on product

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Components:

Mobility in soil
No data available.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects
No data available.

SECTION 13: Disposal considerations

Disposal of the product
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Domestic Substances List (DSL)
Chemical name: Silicic acid (H2SiO3), disodium salt
CAS: 6834-92-0

Chemical name: Triphosphoric acid, pentasodium salt
CAS: 7758-29-4

Chemical name: Ethanol, 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-
CAS: 2315-67-5

Chemical name: Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-
CAS: 9036-19-5

Chemical name: Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-
CAS: 9002-93-1

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Chemical name: Sodium phosphate, tribasic
CAS number: 7758-29-4

Ethylene glycol monobutyl ether
CAS: 111-76-2

New Jersey Right To Know Components
No components are subject to the New Jersey Right to Know Act.

Disodium metasilicate pentahydrate
CAS-No. 10213-79-3

Pentasodium triphosphate
CAS-No. 7758-29-4

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS-No. 10378-23-1

Ethylene glycol monobutyl ether
CAS: 111-76-2

Pennsylvania Right To Know Components
No components are subject to the Pennsylvania Right to Know Act.

Disodium metasilicate pentahydrate
CAS-No. 10213-79-3

Chemical name: Triphosphoric acid, pentasodium salt
CAS number: 7758-29-4

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate

CAS-No. 10378-23-1

Ethylene glycol monobutyl ether
CAS: 111-76-2

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
Acute Health Hazard

No SARA Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

The following components are subject to reporting levels established by SARA Title III, Section 313:
Ethylene glycol monobutyl ether
CAS: 111-76-2

HMIS Rating

Mr. Stringfields	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

NFPA Rating

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with

respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall P&S Distributors be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if P&S Distributors has been advised of the possibility of such damages.