



Material Safety Data Sheet

Issuing date 10-Oct-2011

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Swisher LLP
Product code 40064-25
Reference number(s) 40064-50
Recommended Use Powder Lemon Scent Laundry Detergent

Distributor
Swisher Hygiene Inc.
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number 800-424-9300 (Chemtrec)

Company Emergency Phone Number 800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance White powder

Physical state powder.

Odor Lemon

Potential Health Effects

Acute toxicity

Eyes Severe Burns.
Skin Severe Irritation
Inhalation Causes severe burns
Ingestion Severe burns, severe pain, nausea.

Chronic Effects No known effect based on information supplied

Aggravated Medical Conditions None known.

Environmental hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name | CAS-No | Weight % |
|--------------------------|-----------|----------|
| Sodium carbonate | 497-19-8 | 0 |
| Pentasodium triphosphate | 7758-29-4 | 0 |

4. FIRST AID MEASURES

| | |
|---------------------------|---|
| Eye contact | Flush with flowing water for 15 minutes & see physician. |
| Skin contact | Wash with soap & water for 15 minutes. See physician if burning persists. |
| Inhalation | Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help. |
| Ingestion | Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY; NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. |
| Notes to physician | Treat symptomatically |

5. FIRE-FIGHTING MEASURES

| | | | | |
|--|--|----------------|-------------------|--|
| Flammable Properties | Not flammable | | | |
| Flash point | none | | | |
| Suitable Extinguishing Media | Use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved. | | | |
| Hazardous Combustion Products | When heated to decomposition, emits chlorine and sodium oxide at 1413°C | | | |
| Explosion Data | | | | |
| Sensitivity to Mechanical Impact | none | | | |
| Sensitivity to Static Discharge | none | | | |
| Specific hazards arising from the chemical | Use water spray to cool adjacent fire exposed containers. | | | |
| Protective Equipment and Precautions for Firefighters | Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH approved or equivalent to maintain TLV. | | | |
| NFPA | Health Hazard 0 | Flammability 0 | Stability 0 | Physical and chemical hazards - |
| HMIS | Health Hazard 2 | Flammability 0 | Physical Hazard 0 | Personal protection B |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal precautions | Ensure adequate ventilation |
| Environmental precautions | Try to prevent the material from entering drains or water courses |
| Methods for Containment | Prevent further leakage or spillage if safe to do so |
| Methods for cleaning up | Sweep up to suitable containers for disposal. |

7. HANDLING AND STORAGE

| | |
|--------------------------------|--|
| Advice on safe handling | KEEP OUT OF REACH OF CHILDREN CAUTION Do not get in eyes, on skin or on clothing Remove and wash contaminated clothing before re-use |
|--------------------------------|--|

Technical measures/Storage conditions Store upright in original closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------------------|-----------|---------------------|------------|
| Pentasodium triphosphate 7758-29-4 | | 15mg/m ³ | |

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment Institutional Environment

Eye/Face Protection Safety glasses are suggested when using this product in heavy use and institutional environments.

Consumer Environments Care should be taken to avoid Eye contact.

Skin and body protection Rubber gloves

Respiratory protection Unnecessary in open institutional environment.

Hygiene measures Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment

Eye/Face Protection Splash-proof chemical goggles or face shield.

Skin and body protection Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Practice good personal hygiene. Wash after handling. Shower at end of work period
Practice good personal hygiene. Wash after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------|-----------------------|--------------------------|
| Physical state | powder | Odor | Lemon |
| Appearance | White powder | Odor Threshold | No information available |
| Color | white | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks Methods</u> |
|-----------------------------|---------------|--------------------------|
| pH | 11 | No information available |
| Melting/freezing point | | No information available |
| Freezing Point | | No information available |
| Boiling point/boiling range | | No information available |
| Flash Point | | No information available |
| Evaporation rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability Limits in Air | | No information available |
| upper flammability limit | | |
| lower flammability limit | | |
| Explosion Limits | | |
| upper | | |
| lower | | |
| Vapor pressure | | No information available |
| Vapor density | | No information available |

| | | |
|---|--------------------------|--------------------------|
| Specific Gravity | 1+ | No information available |
| Water solubility | Completely soluble. | No information available |
| Solubility in other solvents | | No information available |
| Partition coefficient: n-octanol/water | | No information available |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Viscosity, kinematic | | No information available |
| Viscosity, dynamic | | No information available |
| Explosive properties | No information available | |
| Oxidizing Properties | No information available | |

9.2 Other information

| | |
|---------------------------|--------------------------|
| Softening point | No information available |
| Molecular Weight | No information available |
| VOC Content(%) | No information available |
| Density VALUE | No information available |
| Bulk Density VALUE | No information available |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Stability | Stable Store in cool dry place |
| Incompatible products | Strong acids |
| Conditions to Avoid | None known based on information supplied |
| Hazardous Decomposition Products | When heated to decomposition, emits chlorine and sodium oxide at 1413°C |
| Hazardous Polymerization | Hazardous polymerization does not occur |

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--------------------------|--------------------|-----------------------|-----------------|
| Sodium carbonate | 4090 mg/kg (Rat) | | |
| Pentasodium triphosphate | 3100 mg/kg (Rat) | 7940 mg/kg (Rabbit) | |

Chronic toxicity

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|---------------|-------------------|------------------|----------------------------|---|
| | | | | |

| | | | |
|--------------------------|--------------------------------|---|-----------------------------------|
| Sodium carbonate | 242: 120 h Nitzschia mg/L EC50 | 310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static | 265: 48 h Daphnia magna mg/L EC50 |
| Pentasodium triphosphate | | 1650: 48 h Leuciscus idus mg/L LC50 | |

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

Contaminated packaging Do not re-use empty containers

| Chemical Name | California Hazardous Waste Status |
|------------------|-----------------------------------|
| Sodium carbonate | Corrosive |

14. TRANSPORT INFORMATION

Note Cleaning Compound, Not Regulated

Dot Not regulated

Proper shipping name Cleaning Compound, Not Regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

ICAO/IATA Not regulated

IMDG / IMO Not regulated

RID Not regulated

ADR/RID Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|--------|----------|
| TSCA | TSCA |
| DSL | Complies |
| NDSL | Complies |
| EINECS | Complies |
| ELINCS | - |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |

AICS Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Sara Title III (EPCRA) NOTIFICATION: Does not contain chemicals subject of the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.

COMPREHENSIVE ENVIRONMENT RESPONSE, COMPENSATION, AND LIABILITY ACT(CERLA) NOTIFICATION: This does not contain chemical subject to reporting under CERCLA For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute Health Hazard | no |
| Chronic Health Hazard | no |
| Fire Hazard | no |
| Sudden Release of Pressure Hazard | no |
| Reactive Hazard | no |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|--------------------------|--------------------------|------------------------------------|---|
| Pentasodium triphosphate | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By Swisher Hygiene Inc.
4725 Piedmont Row Drive
Suite 400
Charlotte, NC 28210

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Revision Note No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet