



SAFETY DATA SHEET

Issuing date 10-Oct-2011

Revision Date 18-Aug-2015

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name Swisher Super B (3rd Party)

Other means of identification

Product Code 42091
Document 42091/ 42091-5

Recommended use of the chemical and restrictions on use

Recommended use Solid Pot & Pan Detergent

Details of the supplier of the safety data sheet

Distributor

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

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: 1-800-424-9300 (NORTH AMERICA)
1-703-527-3887 (INTERNATIONAL)
Company Phone Number 800-444-4138

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute Toxicity - Oral

Category 4

Label elements

Emergency Overview

Warning

Hazard Statements

Harmful if swallowed



| | | |
|--------------------------|-----------------------------|--------------------|
| Appearance Opaque | Physical state Solid | Odor Floral |
|--------------------------|-----------------------------|--------------------|

Precautionary Statements - Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

Precautionary Statements - Storage

Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other information**

Unknown Acute Toxicity

20.476% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name | CAS-No | Weight-% | Trade Secret |
|---------------------------------------|-------------|-----------|--------------|
| Water | 7732-18-5 | 5% - 10% | * |
| Sodium sulfate | 7757-82-6 | 1% - 5% | * |
| Sodium Laureth Sulfate | 68585-34-2 | 7% - 13% | * |
| Sodium C10-16-Alkylbenzenesulfonates | 68081-81-2 | 15% - 40% | * |
| Poly(ethylene glycol) | 25322-68-3 | 5% - 10% | * |
| Nonylphenol Polyethylene Glycol Ether | 127087-87-0 | 10% - 30% | * |
| Ethanolamine | 141-43-5 | 0.1% - 1% | * |
| Coconut Monoethanolamide | 68140-00-1 | 7% - 13% | * |
| Basic Violet 10 Dye | 81-88-9 | < 0.1% | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

| | |
|-----------------------|--|
| General advice | Show this safety data sheet to the doctor in attendance. |
| Eye contact | Flush with flowing water for 15 minutes & see physician. |
| Skin contact | Wash off immediately with plenty of water for at least 15 minutes. |

| | |
|-------------------|---|
| Inhalation | Not likely to occur under conditions of use. If mists form, leave area until mists have dissipated. . |
| Ingestion | Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately. |

Most important symptoms/effects, acute and delayed

| | |
|----------------------|---|
| Main Symptoms | The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11. |
|----------------------|---|

Indication of immediate medical attention and special treatment needed, if necessary

| | |
|---------------------------|------------------------|
| Notes to physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Dry chemical, water mist, alcohol foam.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

| | |
|-----------------------------|---|
| Personal precautions | Use personal protective equipment. Avoid contact with the skin and the eyes. Ensure adequate ventilation. |
|-----------------------------|---|

Environmental precautions

| | |
|----------------------------------|--|
| Environmental precautions | See Section 12 for additional Ecological Information. Keep out of waterways. |
|----------------------------------|--|

Methods and materials for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | Contain spill. Dilute spilled material with water. |
| Methods for cleaning up | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |

7. HANDLING AND STORAGE**Precautions for safe handling**

| | |
|--------------------------------|--|
| Advice on safe handling | Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. |
|--------------------------------|--|

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Incompatible products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------|---------------------------|--|---|
| Ethanolamine 141-43-5 | STEL: 6 ppm TWA: 3 ppm | TWA: 3 ppm TWA: 6 mg/m ³ | IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ |

Appropriate engineering controls

Engineering Measures Ensure adequate ventilation and that running water is available for washing eyes and skin
Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Safety glasses with side-shields.

Skin and body protection Rubber gloves.

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 Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and chemical properties**

| | | | |
|-----------------------|--------|-----------------------|--------------------------|
| Physical state | Solid | Odor | Floral |
| Appearance | Opaque | Odor Threshold | No information available |
| Color | Pink | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|--|--------------------------|--------------------------|
| pH | 8.5 - 10.5 | |
| Melting/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 | | |
| Upper flammability limit | No information available | |
| Lower flammability limit | No information available | |
| Vapor pressure | No information available | |
| Vapor density | No information available | |
| Relative density | No information available | |
| Water solubility | Completely Soluble | |
| 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 |

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

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Oxides of Carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | Harmful if swallowed |
| Inhalation | May cause irritation of respiratory tract. |
| Eye contact | May cause irritation. |
| Skin contact | May cause skin irritation and/or dermatitis. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Chemical Name | Oral LD50 | Dermal LD50 | LC50 Inhalation |
|---|-----------------------|--|-----------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| Sodium sulfate 7757-82-6 | > 10000 mg/kg (Rat) | - | - |
| Sodium C10-16-Alkylbenzenesulfonates 68081-81-2 | 1430 mg/kg (Rat) | - | - |
| Poly(ethylene glycol) 25322-68-3 | = 28 g/kg (Rat) | > 20 mL/kg (Rabbit) > 20 g/kg (Rabbit) | - |
| Nonylphenol Polyethylene Glycol Ether 127087-87-0 | = 1310 mg/kg (Rat) | - | - |
| Ethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1000 mg/kg (Rabbit) = 1 mL/kg (Rabbit) | - |
| Coconut Monoethanolamide 68140-00-1 | = 3300 mg/kg (Rat) | - | - |
| Basic Violet 10 Dye 81-88-9 | = 174 mg/kg (Rat) | - | - |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity Contains no ingredient listed as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Basic Violet 10 Dye 81-88-9 | - | Group 3 | - | - |

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity No known effect.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 20.476% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 675.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

44.286% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|--|--|----------------------------------|
| Sodium sulfate 7757-82-6 | - | 6800: 96 h Pimephales promelas mg/L LC50 static 3040 - 4380: 96 h Lepomis macrochirus mg/L LC50 static 13500: 96 h Lepomis macrochirus mg/L LC50 13500 - 14500: 96 h Pimephales promelas mg/L LC50 | - |
| Sodium C10-16-Alkylbenzenesulfonates 68081-81-2 | - | - | - |
| Poly(ethylene glycol) 25322-68-3 | - | 5000: 24 h Carassius auratus mg/L LC50 | - |
| Ethanolamine 141-43-5 | 15: 72 h Desmodosmus subspicatus mg/L EC50 | 227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static | 65: 48 h Daphnia magna mg/L EC50 |
| Coconut Monoethanolamide 68140-00-1 | - | 28.5: 96 h Brachydanio rerio mg/L LC50 semi-static 31: 96 h Brachydanio rerio mg/L LC50 | - |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical Name | Partition coefficient |
|--------------------------|-----------------------|
| Ethanolamine 141-43-5 | -1.91 |

| | |
|--|------|
| Coconut Monoethanolamide 68140-00-1 | 3.89 |
|--|------|

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to state and 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 pursuant to Federal regulations, and the applicable state requirements for the specific area of disposal. Consult the appropriate state, regional, or local regulations for additional requirements. Diluted material may be flushed to the sewer.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Proper shipping name

Not regulated
Cleaning Compound, Not Regulated

15. REGULATORY INFORMATION

International Inventories

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

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the 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**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| 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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name | California Prop. 65 |
|-------------------------------|---------------------|
| Basic Violet 10 Dye - 81-88-9 | Carcinogen |

U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Sodium sulfate 7757-82-6 | - | - | X |
| Ethanolamine 141-43-5 | X | X | X |
| Basic Violet 10 Dye 81-88-9 | X | - | X |

16. OTHER INFORMATION

| | | | | |
|--------------------|------------------|----------------|--------------------|---------------------------------|
| <u>NFPA</u> | Health Hazards 1 | Flammability 0 | Instability 0 | Physical and chemical hazards - |
| <u>HMIS</u> | Health hazard 1 | Flammability 0 | Physical Hazards 0 | Personal protection X |

Prepared By Swisher Hygiene Inc.
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Charlotte, NC 28210

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Revision Note

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet

