



SAFETY DATA SHEET

Issuing Date No data available

Revision Date 6-March 2015

Revision Number 0

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

GHS product identifier

Product Name ZESTY POT & PAN DETERGENT

Other means of identification

Product Code(s) 1891103

Synonyms N/A

Recommended use of the chemical and restrictions on use

Recommended Use All Purpose Cleaner

Uses advised against No Information Available

Supplier's details

Supplier Address

Birsch Industries
476 Viking Drive
Virginia Beach, VA. 23452
TEL: 757-622-0355

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

SERIOUS EYE DAMAGE – Category 1
SKIN CORROSION/IRRITATION – Category 2
ACUTE TOXICITY/ORAL – Category 4

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word DANGER

Hazard Statements

- Harmful if swallowed
- Causes skin irritation
- Causes serious eye damage

Appearance Red**Physical State** Liquid**Odor** Pleasant**Symbol:****Precautionary Statements****Prevention**

Wear protective gloves and eye protection. Wash thoroughly after handling.

General Advice

Do not eat, drink, or smoke when using this product. Dispose of contents/container in accordance with local/regional/national/international regulations.

Eyes

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.

Ingestion

IF SWALLOWED, call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Skin

IF ON SKIN, wash with plenty of water. Take off contaminated clothing and wash it before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

| Chemical Name | CAS-No | Weight % | Notes |
|-----------------------------------|------------|----------|-------|
| Sodium dodecylbenzenesulphonate | 25155-30-0 | < 25 | * |
| Soduim Lauryl Ether Sulfate 3 mol | 9004-82-4 | < 8 | * |
| Coconut oil diethanolamide | 8051-30-7 | < 8 | * |
| Sodium dodecyl sulphate | 151-21-3 | < 5 | * |
| 2-aminoethanol | 141-43-5 | < 3 | * |

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

4. FIRST AID MEASURES

Description of necessary first-aid measures**General Information**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Eye Contact

Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor.

| | |
|---------------------|--|
| Skin Contact | Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. |
| Inhalation | Supply fresh air; consult doctor in case of complaints. |
| Ingestion | Rinse out mouth and then drink plenty of water. Do NOT induce vomiting; immediately call for medical help. |

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

| | |
|---------------------------|---|
| Notes to Physician | Irritant to skin and mucous membranes. Gastric or intestinal disorders when ingested. Nausea in case of ingestion. Causes serious eye damage. Harmful if swallowed. |
|---------------------------|---|

| | |
|--|--|
| Indication of Any Immediate Medical Attention and Special Treatment | Medical supervision for at least 48 hours. |
|--|--|

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific Hazards Arising from the Chemical

During heating or in case of fire, poisonous gases are produced.

Hazardous Thermal Decomposition Products

No information available

Specific Fire-Fighting Methods

No information available

Protective Equipment and Precautions for Firefighters

Wear self-contained respiratory protective device. Wear fully protective suit.

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

| | |
|-----------------------------|---|
| Personal Precautions | Wear protective equipment. Keep unprotected persons away. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation. |
|-----------------------------|---|

Environmental Precautions

| | |
|----------------------------------|---|
| Environmental Precautions | Do not allow to enter sewers/surface or ground water. |
|----------------------------------|---|

Methods and materials for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for Cleaning Up | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles. |
|--------------------------------|--|

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

| | |
|-----------------|--|
| Handling | Prevent formation of aerosols. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas. |
|-----------------|--|

Conditions for safe storage, including any incompatibilities

| | |
|------------------------------|--|
| Storage | Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. |
| Incompatible Products | Store away from oxidizing agents. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Components with limit values that require monitoring at the workplace:

| | 141-43-5 2-aminoethanol |
|----------------------|--|
| PEL (USA) | Long-term value: 6 mg/m ³ , 3 ppm |
| REL (USA) | Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 8 mg/m ³ , 3 ppm |
| TLV (USA) | Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm |
| EL (Canada) | Short-term value: 6 ppm Long-term value: 3 ppm |
| EV (Canada) | Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm |
| LMPE (Mexico) | Short-term value: 6 ppm Long-term value: 3 ppm |

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Avoid breathing mist, vapors or spray.

Appropriate engineering controls

No information available.

Individual protection measures, such as personal protective equipment

| | |
|-----------------------------------|---|
| Eye & Face Protection | Safety glasses. |
| Hand & Skin Protection | Protective gloves. Protective work clothing. |
| Respiratory Protection | Not required under normal conditions of use. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practices. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| Physical State | Liquid | Appearance | Red |
|------------------------------------|-------------------|----------------|--------------------------|
| Odor | Pleasant | Odor Threshold | No information available |
| Property | Values | | |
| pH | 7.0 – 7.5 | | |
| Melting Point/Range | No data available | | |
| Boiling Point/Boiling Range | > 100° C | | |
| Flash Point | N/A | | |
| Evaporation rate | No data available | | |
| Flammability (solid, gas) | No data available | | |
| Flammability Limits in Air | | | |
| upper flammability limit | No data available | | |
| lower flammability limit | No data available | | |
| Vapor Pressure | 23 hPa (17 mm Hg) | | |
| Vapor Density | No data available | | |
| Relative Density | No data available | | |

| | |
|---|-------------------|
| Specific Gravity | No data available |
| Water Solubility | 100 |
| Solubility in other solvents | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Autoignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Viscosity | No data available |
| Flammable Properties | No data available |
| Explosive Properties | No data available |
| Oxidizing Properties | No data available |

10. STABILITY AND REACTIVITY

Stability

The product is stable

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

No information available

Incompatible materials

No information available

Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides

11. TOXICOLOGICAL INFORMATION

Route of Exposure

Skin contact, Eye contact, Inhalation, Ingestion

Symptoms

| | |
|---------------------|---|
| Eye Contact | Strong irritant with the danger of severe eye injury. |
| Skin Contact | Irritant to skin and mucous membranes |
| Inhalation | May cause irritation of respiratory tract |
| Ingestion | May be harmful if swallowed |

Chronic Toxicity

| | |
|------------------------------|---|
| Carcinogenicity | No known significant effects or critical hazards. |
| Mutagenicity | No known significant effects or critical hazards. |
| Teratogenicity | No known significant effects or critical hazards. |
| Developmental Effects | No known significant effects or critical hazards. |
| Fertility Effects | No known significant effects or critical hazards. |

12. ECOLOGICAL INFORMATION

Toxicity

No further relevant information available.

Behavior in Environmental Systems

No further relevant information available

Additional Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

Uncleaned Packaging

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

DOT

Not Regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|-------------|----------|
| TSCA | Complies |
| DSL | Complies |

U.S. Federal Regulations

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

No information available

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.

California Proposition 65

The following chemicals are known to cause cancer:

8051-30-1 Coconut Oil Diethanolamide

111-42-2 2,2'-iminodiethanol*

*Present in trace quantities.

US State Right-To-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

16. OTHER INFORMATION

| | | | |
|-------------|----------|----------------|--------------------|
| NFPA | Health 2 | Flammability 0 | Instability 0 |
| HMIS | Health 2 | Flammability 0 | Physical Hazards 0 |

Prepared By Birsch Industries
 476 Viking Drive
 Virginia Beach, VA. 23452
 TEL: 757-622-0355

Issuing Date No information available
Revision Date 3-March 2015
Revision Note N/A

General Disclaimer

The information provided on this SDS 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 Safety Data Sheet