# **Safety Data Sheet**

Issue Date: 05-Nov-2013 Revision Date: 13-Nov-2013 Version 1

## 1. IDENTIFICATION

Product Identifier

Product Name Speedi-kleen

Other means of identification

**SDS #** SJJ-018

#### Recommended use of the chemical and restrictions on use

**Recommended Use** General purpose cleaner and degreaser.

## Details of the supplier of the safety data sheet

**Supplier Address** 

Smith & Jones Janitorial 1 Biloxi Sq.

W. Columbia, SC 29170

## Emergency Telephone Number

Company Phone Number 1-803-822-8500

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

# 2. HAZARDS IDENTIFICATION

Appearance Clear blue liquid Physical State Liquid Odor Technical odor

## Classification

| Skin corrosion/irritation         | Category 2 |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 1 |

### **Hazards Not Otherwise Classified (HNOC)**

May be harmful if swallowed

#### Signal Word Danger

## **Hazard Statements**

Causes skin irritation
Causes serious eye damage



## **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

#### **Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

Take off contaminated clothing and wash it before reuse

IF ON SKIN: Wash with plenty of soap and water If skin irritation persists: Get medical advice/attention

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name       | CAS No    | Weight-% |
|---------------------|-----------|----------|
| 2-Butoxyethanol     | 111-76-2  | 5-10     |
| Potassium hydroxide | 1310-58-3 | 1-5      |

<sup>\*\*</sup>If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

#### First Aid Measures

**General Advice** Provide this SDS to medical personnel for treatment.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Get medical attention.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes. If irritation persists, seek

medical attention.

Inhalation Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison

center if individual's condition declines or if symptoms persist.

Ingestion Do not induce vomiting. Dilute by giving 1 or 2 glasses of milk or water. Nothing by mouth if

unconscious. Get immediate medical attention.

#### Most important symptoms and effects

**Symptoms** May cause skin and eye irritation. Prolonged contact may cause painful stinging or burning

of eyes and lids, watering of eye, and irritation. May cause irritation to the mucous

membranes and upper respiratory tract.

# Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

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

Unsuitable Extinguishing Media Not determined.

## **Specific Hazards Arising from the Chemical**

Product is not flammable or combustible.

#### 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 as required.

**Environmental Precautions** See Section 12 for additional Ecological Information.

## Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain and absorb with suitable

absorbent for disposal.

**Methods for Clean-Up** For small spills: Wipe up product and rinse affected area with water. For large spills: soak

up product with a suitable absorbent. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of

the SDS.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wash face, hands,

and any exposed skin thoroughly after handling. Use personal protection recommended in

Section 8. Use with due care according to label instructions and precautions.

#### Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up.

Packaging Materials Always store unused portion in original container with cap secured.

Incompatible Materials Acids.

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# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

| Chemical Name                    | ACGIH TLV                    | OSHA PEL                               | NIOSH IDLH                   |
|----------------------------------|------------------------------|--|------------------------------|
| 2-Butoxyethanol 111-76-          | TWA: 20 ppm                  | TWA: 50 ppm                            | IDLH: 700 ppm                |
| 2                                |                              | TWA: 240 mg/m <sup>3</sup>             | TWA: 5 ppm                   |
|                                  |                              | (vacated) TWA: 25 ppm                  | TWA: 24 mg/m <sup>3</sup>    |
|                                  |                              | (vacated) TWA: 120 mg/m <sup>3</sup>   | _                            |
|                                  |                              | (vacated) S*                           |                              |
|                                  |                              | S*                                     |                              |
| Potassium hydroxide<br>1310-58-3 | Ceiling: 2 mg/m <sup>3</sup> | (vacated) Ceiling: 2 mg/m <sup>3</sup> | Ceiling: 2 mg/m <sup>3</sup> |

#### Appropriate engineering controls

Engineering Controls Mechanical ventilation or local exhaust ventilation is recommended.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Wear rubber or neoprene gloves.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Do not eat, drink or smoke when using this product. Wash contaminated clothing before

reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

CC (closed cup)

(Water = 1)

#### Information on basic physical and chemical properties

Physical State Liquid

AppearanceClear blue liquidOdorTechnical odorColorClear blueOdor ThresholdNot determined

Property Values Remarks • Method

pH 10.5-12.5

Melting Point/Freezing Point Not determined

Boiling Point/Boiling Range 100 °C / 212 °F
Flash Point No Flash at boil

Evaporation Rate > 1
Flammability (Solid, Gas) Not determined

Upper Flammability Limits
Lower Flammability Limit
Vapor Pressure
Vapor Density

Not determined
Not applicable
Not applicable
Under High Unknown

Specific Gravity 1.01 (1=Water)

**Water Solubility** Infinite Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

Additional Information Volatile by volume 92%

# 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive under normal conditions.

## **Chemical Stability**

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

## **Conditions to Avoid**

Extreme temperatures. Incompatible Materials.

## **Incompatible Materials**

Acids.

#### **Hazardous Decomposition Products**

None known based on information supplied.

# 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

**Product Information** 

**Eye Contact** Causes serious eye damage.

**Skin Contact** Causes skin irritation. Exposure may cause dry skin, dermatitis and redness.

Inhalation May cause irritation to the mucous membranes and upper respiratory tract.

Ingestion May be harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory

tracts.

## Component Information

| Chemical Name             | Oral LD50         | Dermal LD50                    | Inhalation LC50                 |
|---------------------------|-------------------|--------------------------------|---------------------------------|
| 2-Butoxyethanol 111-      | = 470 mg/kg (Rat) | = 2270 mg/kg (Rat) = 220 mg/kg | = 2.21 mg/L (Rat) 4 h = 450 ppm |
| 76-2                      |                   | ( Rabbit )                     | ( Rat ) 4 h                     |
| Potassium hydroxide 1310- | = 214 mg/kg (Rat) | -                              | -                               |
| 58-3                      |                   |                                |                                 |

#### Information on physical, chemical and toxicological effects

Please see section 4 of this SDS for symptoms. **Symptoms** 

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

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

However, the product as a whole has not been tested.

| Chemical Name        | ACGIH | IARC    | NTP | OSHA |
|----------------------|-------|---------|-----|------|
| 2-Butoxyethanol 111- | A3    | Group 3 |     |      |
| 76-2                 |       | •       |     |      |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

## **Numerical measures of toxicity**

Not determined

# 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

# Component Information

| Chemical Name                    | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea   |
|----------------------------------|----------------------|---|----------------------------|---|
| 2-Butoxyethanol 111-<br>76-2     |                      | 1490: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 2950: 96 h Lepomis<br>macrochirus mg/L LC50 | <b>y</b>                   | 1698 - 1940: 24 h Daphnia<br>magna mg/L EC50 1000: 48<br>h Daphnia magna mg/L<br>EC50 |
| Potassium hydroxide<br>1310-58-3 |                      | 80: 96 h Gambusia affinis<br>mg/L LC50 static   |                            |   |

# Persistence/Degradability

Not determined.

## **Bioaccumulation**

Not determined.

# **Mobility**

| Chemical Name                     | Partition Coefficient |
|-----------------------------------|-----------------------|
| 2-Butoxyethanol<br>111-76-2       | 0.81                  |
| Potassium hydroxide 1310-<br>58-3 | 0.83                  |

#### **Other Adverse Effects**

Not determined

# 13. DISPOSAL CONSIDERATIONS

# **Waste Treatment Methods**

**Disposal of Wastes**Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

## California Hazardous Waste Status

| Chemical Name             | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Potassium hydroxide 1310- | Toxic                             |
| 58-3                      | Corrosive                         |

# 14. TRANSPORTINFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

**DOT** Not regulated

IATA Not regulated

<u>IMDG</u> Not regulated

# 15. REGULATORY INFORMATION

#### International Inventories

Not determined

#### Legend:

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 Chemical Substances/European 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

#### US Federal Regulations

## **CERCLA**

| Chemical Name             | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------------------|--------------------------|----------------|--------------------------|
| Potassium hydroxide 1310- | 1000 lb                  |                | RQ 1000 lb final RQ      |
| 58-3                      |                          |                | RQ 454 kg final RQ       |

#### **SARA 313**

| Chemical Name              | CAS No   | Weight-% | SARA 313 - Threshold<br>Values % |
|----------------------------|----------|----------|----------------------------------|
| 2-Butoxyethanol - 111-76-2 | 111-76-2 | 5-10     | 1.0                              |

## **CWA (Clean Water Act)**

| Component                                 | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|---|--------------------------------|------------------------|---------------------------|-------------------------------|
| Potassium hydroxide 1310-<br>58-3 ( 1-5 ) | 1000 lb                        |                        |                           | Х                             |

### US State Regulations

## **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
|               |            |               |              |

| 2-Butoxyethanol           | X | X | X |
|---------------------------|---|---|---|
| 111-76-2                  |   |   |   |
| Potassium hydroxide 1310- | X | X | X |
| 58-3                      |   |   |   |

# **16. OTHER INFORMATION**

NFPAHealth HazardsFlammabilityInstabilitySpecial HazardsNot determinedNot determinedNot determinedNot determinedHMISHealth HazardsFlammabilityPhysical HazardsPersonal Protection20Not determined

Issue Date:05-Nov-2013Revision Date:13-Nov-2013Revision Note:New format

# **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**