

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date: 20 July 2018


Revision: 20 July 2018

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: Spray Buff v.1**
- **Article number: 100675**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** Floor cleaner
- **Uses advised against:** No further relevant information available.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Theochem Laboratories  
7373 Rowlett Park Drive  
Tampa, FL 33610  
Phone: 813-237-6463
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)



## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).  
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H360Df.  
The following classifications are applicable only to OSHA (USA) regulations and not the specific CLP regulation: H360.  
Repr. 1 H360 May damage fertility or the unborn child.  
Repr. 1B H360Df May damage the unborn child. Suspected of damaging fertility.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the Globally Harmonized System within the United States.  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**
-   
GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Dibutyl phthalate
- **Hazard statements**

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The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H360Df.

The following Hazard Statements are applicable only according to OSHA regulations within the United States. These statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H360.

H360: May damage fertility or the unborn child.

H360Df May damage the unborn child. Suspected of damaging fertility.

- **Precautionary statements**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 If exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

Contains 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Restricted to professional users.

- **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = \*2

Fire = 0

Reactivity = 0

\* - Indicates a long term health hazard from repeated or prolonged exposures.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Components:**

CAS: 111-77-3 EINECS: 203-906-6 Index number: 603-107-00-6 Reg.nr.: 01-2119475100-52-XXXX	2-(2-methoxyethoxy)ethanol ⚠ Repr. 2, H361d	<1%
CAS: 84-74-2 EINECS: 201-557-4 Index number: 607-318-00-4 Reg.nr.: 01-2119493042-44-XXXX	Dibutyl phthalate ⚠ Repr. 1B, H360Df ⚠ Aquatic Acute 1, H400	<1%

- **SVHC**

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84-74-2	Dibutyl phthalate
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· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.  
For the wording of the listed Hazard Statements refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Gastric or intestinal disorders when ingested.  
Coughing  
Nausea

· **Hazards:** May damage fertility or the unborn child.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

The product is not flammable.  
Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** None.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**

· **Protective equipment:**

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

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.

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Use personal protective equipment as required.

- **6.2 Environmental precautions** Avoid release to the environment.

- **6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

- **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Avoid contact with the eyes and skin.

Keep out of reach of children.

- **Information about fire - and explosion protection:** No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

Do not allow product to freeze.

- **Information about storage in one common storage facility:** Store away from foodstuffs.

- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

### 111-77-3 2-(2-methoxyethoxy)ethanol

IOELV (EU)	Long-term value: 50,1 mg/m <sup>3</sup> , 10 ppm
	Skin
WEL (Great Britain)	Long-term value: 50,1 mg/m <sup>3</sup> , 10 ppm
	Sk
OEL (Ireland)	Long-term value: 50,1 mg/m <sup>3</sup> , 10 ppm
	Sk, IOELV

### 84-74-2 Dibutyl phthalate

EL (Canada)	Long-term value: 5 mg/m <sup>3</sup>
	R
EV (Canada)	Long-term value: 5 mg/m <sup>3</sup>
WEL (Great Britain)	Short-term value: 10 mg/m <sup>3</sup>
	Long-term value: 5 mg/m <sup>3</sup>
OEL (Ireland)	Short-term value: 10 mg/m <sup>3</sup>
	Long-term value: 5 mg/m <sup>3</sup>

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PEL (USA)	Repr1B Long-term value: 5 mg/m <sup>3</sup>
REL (USA)	Long-term value: 5 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 5 mg/m <sup>3</sup>

## 8.2 Exposure controls

### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale gases / fumes / aerosols.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

### Respiratory protection:

Not required under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

### Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

### Eye protection:



Safety glasses

• **Body protection:** Not required under normal conditions of use.

• **Limitation and supervision of exposure into the environment:**

No further relevant information available.

• **Risk management measures:** No further relevant information available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form:	Liquid
Colour:	White
Odour:	Fruit-like
Odour threshold:	Not determined.

pH-value at 20 °C (68 °F):	8,5 - 9,5
Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	Not determined.

Flash point:	Not applicable.
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· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Auto/Self-ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density:</b>	
<b>Relative density:</b>	1,00-1,02
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Soluble.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Reacts with strong acids and alkali.  
Reacts with oxidising agents.
- **10.4 Conditions to avoid** Excessive heat.
- **10.5 Incompatible materials** Oxidisers, strong bases, strong acids
- **10.6 Hazardous decomposition products**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** None.

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- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer):**

64-17-5	Ethanol	1
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· **Probable routes of exposure:**

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:**  
May damage the unborn child. Suspected of damaging fertility.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** The product contains materials that are harmful to the environment.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Small amounts may be diluted with plenty of water and washed away. Dispose of larger 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.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| <b>· 14.1 UN-Number</b>  |                 |
| · DOT, ADR, IMDG, IATA   | Not Regulated   |
| <b>· 14.2 UN proper shipping name</b>  |                 |
| · DOT, ADR, IMDG, IATA   | Not Regulated   |
| <b>· 14.3 Transport hazard class(es)</b>   |                 |
| · DOT, ADR, IMDG, IATA   |                 |
| · Class  | Not Regulated   |
| <b>· 14.4 Packing group</b>  |                 |
| · DOT, ADR, IMDG, IATA   | Not Regulated   |
| <b>· 14.5 Environmental hazards:</b>   |                 |
| · Marine pollutant:  | No              |
| <b>· 14.6 Special precautions for user</b>                                       | Not applicable. |
| <b>· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- United States (USA)
- SARA

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65 (California):**

· **Chemicals known to cause cancer:**

Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-17-5 | Ethanol

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<b>· Chemicals known to cause developmental toxicity for females:</b>	
84-74-2	Dibutyl phthalate

<b>· Chemicals known to cause developmental toxicity for males:</b>	
84-74-2	Dibutyl phthalate

<b>· Chemicals known to cause developmental toxicity:</b>	
Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.	
84-74-2	Dibutyl phthalate
64-17-5	Ethanol
67-56-1	Methanol

<b>· EPA (Environmental Protection Agency)</b>	
84-74-2	Dibutyl phthalate

D

<b>· IARC (International Agency for Research on Cancer)</b>	
64-17-5	Ethanol

1

<b>· Canadian Domestic Substances List (DSL) (Substances not listed)</b>	
All ingredients are listed.	

<b>· Other regulations, limitations and prohibitive regulations</b>	
<b>· Substances of very high concern (SVHC) according to REACH, Article 57</b>	
84-74-2	Dibutyl phthalate

<b>· 15.2 Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.	
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## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant phrases**

H360Df May damage the unborn child. Suspected of damaging fertility.

H361d Suspected of damaging the unborn child.

H400 Very toxic to aquatic life.

**· Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Repr. 1B: Reproductive toxicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

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Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

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**Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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