

**Safety Data Sheet**

acc. to OSHA HCS

Printing date 08/16/2017

Reviewed on 08/16/2017

**1 Identification**

- **Product identifier**
- **Trade name:** *Stagestep Wipe Put Plus*
- **Application of the substance / the mixture** Cleaning material/ Detergent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Supplier:  
Stagestep Inc.  
4701 Bath St.  
Philadelphia PA 19137  
Tel: +1 215-636-9000  
Fax: +1 267 672-2912  
E-Mail: [info@stagestep.com](mailto:info@stagestep.com)
- **Information department:**  
Department for product development  
E-Mail: [bill@stagestep.com](mailto:bill@stagestep.com)
- **Emergency telephone number:**  
Stagestep Inc.  
Tel.: +1 215-636-9000 x 117  
+1 215-601-3696  
Mo-Fr 8am - 7pm

**2 Hazard(s) identification**

- **Classification of the substance or mixture**  
Flam. Liq. 4 H227 Combustible liquid.

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- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**  
Combustible liquid.
- **Precautionary statements**  
Keep away from flames and hot surfaces. – No smoking.  
Wear protective gloves / eye protection / face protection.  
In case of fire: Use for extinction: CO2, powder or water spray.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **NFPA ratings (scale 0 - 4)**  
Health = 0  
Fire = 2  
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  
Health = 0  
Fire = 2  
Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.



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**Trade name:** *Stagetest Wipe Out Plus*

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- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

	oxygen-based bleaching agents	1-5%
111-90-	Carbitol	25-50
	(2-Methoxymethylethoxy)-propanol	25-50
107-98-	1-methoxy-2-propanol	10-25
128-37-	2,6-di-tert-butyl-p-cresol	0.1-1

## 4 First-aid measures

- **Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:** No special measures required.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:**

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.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Not applicable.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:** No special measures required.

- **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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

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

- **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.

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· PAC-1: Protective Action Criteria for Chemicals		(Contd. of page 2)
111-90-	Carbitol	75 ppm
	(2-Methoxymethylethoxy)-propanol	150 ppm
107-98-	1-methoxy-2-propanol	100 ppm
7722-84-	hydrogen peroxide solution	10 ppm
2809-21-	1-hydroxyethane-1,1-diylbis(phosphonic acid)	7.2 mg/
13598-36-	phosphorous acid	1.2 mg/
· PAC-2:		
111-90-	Carbitol	100 ppm
	(2-Methoxymethylethoxy)-propanol	1700*
107-98-	1-methoxy-2-propanol	160 ppm
7722-84-	hydrogen peroxide solution	50 ppm
2809-21-	1-hydroxyethane-1,1-diylbis(phosphonic acid)	79 mg/m <sup>3</sup>
13598-36-	phosphorous acid	13 mg/m <sup>3</sup>
· PAC-3:		
111-90-	Carbitol	450 ppm
	(2-Methoxymethylethoxy)-propanol	9900** ppm
107-98-	1-methoxy-2-propanol	660 ppm
7722-84-	hydrogen peroxide solution	100 ppm
2809-21-	1-hydroxyethane-1,1-diylbis(phosphonic acid)	480 mg/m <sup>3</sup>
13598-36-	phosphorous acid	380 mg/m <sup>3</sup>

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Follow instructions on the label and in the Technical Product Information Sheet.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

### Control parameters

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

#### 111-90-0 Carbitol

WEE Long-term value: 25 ppm

#### (2-Methoxymethylethoxy)-propanol

PEL Long-term value: 600 mg/m<sup>3</sup>, 100 ppm Skin

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REL	Short-term value: 900 mg/m <sup>3</sup> , 150 ppm Long-term value: 600 mg/m <sup>3</sup> , 100 ppm Skin
TLV	Short-term value: 909 mg/m <sup>3</sup> , 150 ppm Long-term value: 606 mg/m <sup>3</sup> , 100 ppm Skin
<b>107-98-21-methoxy-2-propanol</b>	
REL	Short-term value: 540 mg/m <sup>3</sup> , 150 ppm Long-term value: 360 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 369 mg/m <sup>3</sup> , 100 ppm Long-term value: 184 mg/m <sup>3</sup> , 50 ppm
<b>7722-84-1 hydrogen peroxide solution</b>	
PEL	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
RE	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
L	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
<b>128-37-02,6-di-tert-butyl-p-cresol</b>	
REL	Long-term value: 10 mg/m <sup>3</sup>
TLV	Long-term value: 2* mg/m <sup>3</sup> *as inhalable fraction and vapor

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

• **Breathing equipment:** Not required.

• **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**

Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.

• **Body protection:**

Not required.

Light weight protective clothing

## 9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

**Form:** Fluid  
**Color:** Colorless

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· <b>Odor:</b>	Ether-like	
· <b>Odor threshold:</b>	Not determined.	(Contd. of page 4)
· <b>pH-value at 20°C (68 °F):</b>	2.5	
· <b>Change in condition</b>		
<b>Melting point/Melting range:</b>	Undetermined.	
<b>Boiling point/Boiling range:</b>	Undetermined.	
· <b>Flash point:</b>	80°C (176 °F) (Seta Flash Closed Cup)	
· <b>Flammability (solid, gaseous):</b>	Not applicable.	
· <b>Ignition temperature:</b>	190°C (374 °F)	
· <b>Decomposition temperature:</b>	Not determined.	
· <b>Auto igniting:</b>	Product is not selfigniting.	
· <b>Danger of explosion:</b>	Not determined.	
· <b>Explosion limits:</b>		
<b>Lower:</b>	1.1Vol %	
<b>Upper:</b>	14Vol %	
· <b>Vapor pressure at 20°C (68 °F):</b>	23hPa (17.3 mm Hg)	
· <b>Density at 20°C (68 °F):</b>	1.009g/cm <sup>3</sup> (8.42 lbs/gal)	
· <b>Relative density</b>	Not determined.	
· <b>Vapor density</b>	Not determined.	
· <b>Evaporation rate</b>	Not determined.	
· <b>Solubility in / Miscibility with</b>		
<b>Water:</b>	Fully miscible.	
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.	
· <b>Viscosity:</b>		
<b>Dynamic:</b>	Not determined.	
<b>Kinematic at 20°C (68 °F):</b>	31s (ISO 3 mm)	
· <b>Solvent content:</b>		
<b>Organic solvents:</b>	74.5%	
<b>VOC content ASTM D3960:</b>	74.50%	
· <b>Other information</b>	No further relevant information available.	

## 10 Stability and reactivity

- **Reactivity** see section "Possibility of hazardous reactions".
- **Chemical stability** No information available.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

### 7722-84-1 hydrogen peroxide solution

Oral	LD50	694 mg/kg (rat) (OECD 401)
Derm	0	>2.000 mg/kg (rabbit)

### 128-37-02,6-di-tert-butyl-p-cresol

Oral	LD50	>6,000 mg/kg (rat) (OECD 401)
Derm	0	>2.000 mg/kg (rat) (OECD 402)

- **Primary irritant effect:**

- **on the skin:** No data available.

- **on the eye:** No data available.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

7722-84-	hydrogen peroxide solution	3
128-37-	2,6-di-tert-butyl-p-cresol	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

### 7722-84-1 hydrogen peroxide solution

LC50/96h (static)	16.4 mg/l (fish) 2.4 ml/l (Daphnia magna)
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### 128-37-02,6-di-tert-butyl-p-cresol

EC50/48h	0.48 mg/l (Daphnia magna) (OECD 202)
EC50/72h	>0.4 mg/l (alga)

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

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

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

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**13 Disposal considerations**

- **Waste treatment methods** Disposal must be made according to official regulations.
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

**14 Transport information**

- |  |                       |
|--|-----------------------|
| · <b>UN-Number</b>   | Void                  |
| · <b>DOT. ADR. ADN. IMDG. IATA</b>                                   | Void                  |
| · <b>UN proper shipping name</b>                                     | Void                  |
| · <b>DOT. ADR. ADN. IMDG. IATA</b>                                   | Void                  |
| · <b>Transport hazard class(es)</b>                                  |                       |
| · <b>DOT. ADR. ADN. IMDG. IATA</b>                                   |                       |
| · <b>Class</b>   | Void                  |
| · <b>Packing group</b>   |                       |
| · <b>DOT. ADR. IMDG. IATA</b>  | Void                  |
| · <b>Environmental hazards:</b>                                      |                       |
| · <b>Marine pollutant:</b>   | No                    |
| · <b>Special precautions for user</b>                                | Not applicable.       |
| · <b>Transport in bulk according to MARPOL73/78 and the IBC Code</b> | II of Not applicable. |
| · <b>UN "Model Regulation":</b>                                      | Void                  |

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

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

7722-84- hydrogen peroxide solution

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

111-90 Carbitol

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

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

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· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **EPA (Environmental Protection Agency)**

· **Carcinogenicity categories** listed.

· **TLV (Threshold Limit Value established by ACGIH)**

7722-84-	hydrogen peroxide solution	A
128-37-	2,6-di-tert-butyl-p-cresol	A

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms** Void

· **Signal word** Warning

· **Hazard statements**

Combustible liquid.

· **Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves / eye protection / face protection.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep cool.

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

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 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.

· **Department issuing SDS:** Department for product development

· **Contact:** Bill Goldberg

· **Date of preparation / last revision** 08/16/2017 / 2

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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

ACGIH: American Conference of Governmental Industrial Hygienists

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 4: Flammable liquids – Category 4

· **\* Data compared to the previous version altered.**