Safety Data Sheet
acc. to OSHA HCS

Printing date 08/16/2017 Reviewed on 08/16/2017

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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

· **Information department:**
Department for product development
E-Mail: bill@stagestep.com
· **Emergency telephone number:**
Stagestep Inc.
Tel.: +1 215-636-9000 x 117
+1 215-601-3696
Mo-Fr 8am - 7pm

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2 Hazard(s) identification

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

· **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: *Stagestep Wipe Out Plus*

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· **vPvB:** Not applicable.

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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

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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:**
CO2, 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.

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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**

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/m3
13598-36-	phosphorous acid	13 mg/m3

· **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/m3
13598-36-	phosphorous acid	380 mg/m3

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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.

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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/m³, 100 ppm Skin

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REL	Short-term value: 900 mg/m³, 150 ppm Long-term value: 600 mg/m³, 100 ppm Skin
TLV	Short-term value: 909 mg/m³, 150 ppm Long-term value: 606 mg/m³, 100 ppm Skin
107-98-2 1-methoxy-2-propanol	
REL	Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm
TLV	Short-term value: 369 mg/m³, 100 ppm Long-term value: 184 mg/m³, 50 ppm
7722-84-1 hydrogen peroxide solution	
PEL	Long-term value: 1.4 mg/m³, 1 ppm
RE L	Long-term value: 1.4 mg/m³, 1 ppm Long-term value: 1.4 mg/m³, 1 ppm
128-37-0 2,6-di-tert-butyl-p-cresol	
REL	Long-term value: 10 mg/m³
TLV	Long-term value: 2* mg/m³ *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 trough 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

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Fluid
Color:	Colorless

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· **Odor:**	Ether-like
· **Odor threshold:**	Not determined.
· **pH-value at 20°C (68 °F):**	2.5
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· **Flash point:**	80°C (176 °F) (Seta Flash Closed Cup)
· **Flammability (solid, gaseous):**	Not applicable.
· **Ignition temperature:**	190°C (374 °F)
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Not determined.
· **Explosion limits:**	
Lower:	1.1Vol %
Upper:	14Vol %
· **Vapor pressure at 20°C (68 °F):**	23hPa (17.3 mm Hg)
· **Density at 20°C (68 °F):**	1.009g/cm³ (8.42 lbs/gal)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic at 20°C (68 °F):	31s (ISO 3 mm)
· **Solvent content:**	
Organic solvents:	74.5%
VOC content ASTM D3960:	74.50%
· **Other information**	No further relevant information available.

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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		>2,000 mg/kg (rabbit)
128-37-0 2,6-di-tert-butyl-p-cresol		
Oral	LD50	>6,000 mg/kg (rat) (OECD 401)
Derm		>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.

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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)
128-37-0 2,6-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.

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14 Transport information

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

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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)**
· **Cancerogenity categories**
None of the ingredients is 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: 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.
· **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.**