Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 12/31/2014 Version: 1.0

SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: CLINGING OVEN AND GRILL CLEANER
Product code	: P910
1.2. Relevant identified uses of the	substance or mixture and uses advised against
Use of the substance/mixture	: Cleansing product Degreasing agent
1.3. Details of the supplier of the sa	afety data sheet
CleanPak Products LLC. 221 Hobbs Street Suite 108 Tampa, FI 33619 T 813-740-8611 - F 813-740-8218 admin@cleanpakproducts.com - www.clea	npakproducts.com
1.4. Emergency telephone number	
Emergency number	: 1-800-535-5053 InfoTrac
SECTION 2: Hazards identification	on
2.1. Classification of the substance	er mixture
GHS-US classification	
Acute Tox. 4 (Oral) H302 Skin Corr. 1A H314 Aquatic Acute 3 H402	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labelling	
Hazard pictograms (GHS-US)	GHS05 GHS07
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	 H302 - Harmful if swallowed H314 - Causes severe skin burns and eye damage H402 - Harmful to aquatic life
Precautionary statements (GHS-US)	 P270 - Do not eat, drink or smoke when using this product P273 - Avoid release to the environment P280 - Wear gloves and protective eyewear P301+P312 - If swallowed: Call physician if you feel unwell P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

- lenses, if present and easy to do. Continue rinsing
- P310 Immediately call a physician
- P330 Rinse mouth
- P363 Wash contaminated clothing before reuse
- P405 Store locked up
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3. Other hazards

No additional information available

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2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Name	Product identifier	%	GHS-US classification
potassium hydroxide, 45%= <conc<50%, aqueous="" solutions<="" td=""><td>(CAS No) 1310-58-3</td><td>20 - 30</td><td>Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Aquatic Acute 3, H402</td></conc<50%,>	(CAS No) 1310-58-3	20 - 30	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Aquatic Acute 3, H402

Full text of H-phrases: see section 16

4.1. Description of first aid measures First-aid measures general : If exposed or concerned: Get medical advelatention. First-aid measures after shalaton : Remove the victim into fresh air. First-aid measures after shalaton : Rinse immedialely with plenty of water. Obtain medical attention if pain, blinking or redness persist. First-aid measures after singestion : Give milk to dink. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries : Causes severe skin burns and eye damage. Symptoms/injuries after instaltion : Causes severe skin burns and eye damage. Symptoms/injuries after instaltion : Causes severe skin burns and eye damage. Symptoms/injuries after instaltion : Causes severe skin burns and eye damage. Symptoms/injuries after eye contact : Causes severe skin burns and eye damage. Symptoms/injuries after eye contact : Causes sevicus eye irritation. Symptoms/injuries after eyee contact : Causes sevicus eye irritation. Symptoms/injuries after instaltate medical attention and special treatment needed No additional information available Section 5.1 Extinguishing media : Water spray. 5.2 Special hazards arising from the subscince cont with (some) acids. 5.3.	SECTION 4: First aid measures		
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	Methods for cleaning up	: Collect spillage. Wash away neutralized product with plentiful water.	
No additional information available	6.4. Reference to other sections		
	No additional information available		

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SECTION 7: Handling and storage			
7.1.	Precautions for safe handling		
No additional information available			
7.2.	Conditions for safe storage, including any incompatibilities		
No additional information available			
7.3.	Specific end use(s)		
No add	litional information available		
SECTION 8: Exposure controls/personal protection			
8.1.	Control parameters		

CLINGING OVEN AND GRILL CLEANER				
ACGIH	Not applicable			
OSHA	Not applicable	Not applicable		
potassium hydroxide, 45%= <conc<50%, (1310-58-3)<="" aqueous="" solutions="" th=""></conc<50%,>				
ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m³		
OSHA Not applicable				
8.2. Exposure control	ls			

No additional information available

SECTION 9: Physical and chemica	I properties
9.1. Information on basic physical an	d chemical properties
Physical state	: Liquid
Colour	: Mixture contains one or more component(s) which have the following colour(s): Colourless, Colourless to white, White to light brown
Odour	 There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Odourless, No data available on odour, Pleasant odour
Odour threshold	: No data available
рН	: >= 13
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific gravity	: 1.097
Solubility	 Soluble in water. Water: Solubility in water of component(s) of the mixture : • potassium hydroxide, 45%=<conc<50%, aqueous="" complete<="" li="" solutions:=""> • sodium gluconate: 59 g/100ml </conc<50%,>
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
02/12/2015	EN (English) 3/7

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SECTI	ON 10: Stability and reactivity
10.1.	Reactivity
Violent to	o explosive reaction with (some) acids.
10.2.	Chemical stability
Stable u	nder normal conditions.
10.3.	Possibility of hazardous reactions
Not esta	blished.
10.4.	Conditions to avoid
No addit	ional information available
10.5.	Incompatible materials
May be o	corrosive to metals. Strong acids.
10.6.	Hazardous decomposition products
None kn	own.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Oral: Harmful if swallowed.

CLINGING OVEN AND GRILL CLEANER			
ATE US (oral)	500.000 mg/kg bodyweight		
potassium hydroxide, 45%= <conc<50%, (1310-58-3)<="" aqueous="" solutions="" td=""></conc<50%,>			
LD50 oral rat 273 mg/kg (Rat)			
ATE US (oral)	273.000 mg/kg bodyweight		
Skin corrosion/irritation	Skin corrosion/irritation : Causes severe skin burns and eye damage.		
	pH: >= 13		
Serious eye damage/irritation	: Not classified		
	pH: >= 13		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated	: Not classified		
exposure)			
Aspiration hazard	: Not classified		
Symptoms/injuries after inhalation	: Coughing.		
Symptoms/injuries after skin contact	: Red skin. Harmful in contact with skin.		
Symptoms/injuries after eye contact	: Causes serious eye irritation.		
Symptoms/injuries after ingestion	: Toxic if swallowed.		
SECTION 12: Ecological information			
SECTION 12. ECOlogical Information			

12.1. Toxicity		
Ecology - general	: No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.	
Ecology - air	: Not included in the list of fluorinated greenhouse gases (Regulation (EC) No 842/2006).	
potassium hydroxide, 45%= <conc<50%, aqu<="" th=""><th>eous solutions (1310-58-3)</th></conc<50%,>	eous solutions (1310-58-3)	
LC50 fishes 1	28.6 mg/l (24 h; Pisces; Pure substance)	
LC50 other aquatic organisms 1	100 - 1000 mg/l (96 h)	
LC50 fish 2	80 mg/l (96 h; Gambusia affinis; Pure substance)	
Threshold limit other aquatic organisms 1	100 - 1000,96 h	

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12.2. Persistence and degradability	
CLINGING OVEN AND GRILL CLEANER	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.
potassium hydroxide, 45%= <conc<50%, aqu<="" th=""><th>eous solutions (1310-58-3)</th></conc<50%,>	eous solutions (1310-58-3)
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the components available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
12.3. Bioaccumulative potential	
potassium hydroxide, 45%= <conc<50%, aqu<="" td=""><td>eous solutions (1310-58-3)</td></conc<50%,>	eous solutions (1310-58-3)
Bioaccumulative potential	Not bioaccumulative.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on ozone layer	
Effect on the global warming	: No known ecological damage caused by this product.
SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Naste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT	
Transport document description	: UN1814 Potassium hydroxide, solution, 8, III
UN-No.(DOT)	: UN1814
Proper Shipping Name (DOT)	: Potassium hydroxide, solution
Department of Transportation (DOT) Hazard Classes	: 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT)	: 8 - Corrosive
Packing group (DOT)	: III - Minor Danger
DOT Packaging Exceptions (49 CFR 173.xxx)	: 154 Limited Quantities
Additional information	
Other information	: No supplementary information available.
ADR	
Packing group (ADR)	: 111
Class (ADR)	: 8 - Corrosive substances
Danger labels (ADR)	: 8 - Corrosive substances
	8
Danger labels (ADR)	8 - Corrosive substances

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Transport by sea	
UN-No. (IMDG)	: 1814
Proper Shipping Name (IMDG)	: POTASSIUM HYDROXIDE SOLUTION
Class (IMDG)	: 8 - Corrosive substances
Packing group (IMDG)	: III - substances presenting low danger
Air transport UN-No.(IATA) Proper Shipping Name (IATA) Class (IATA) Packing group (IATA)	: 1814 : POTASSIUM HYDROXIDE SOLUTION : 8 - Corrosives : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations No additional information available

15.3. US State regulations

SECTION 16: Other information

Full text of H-phrases:

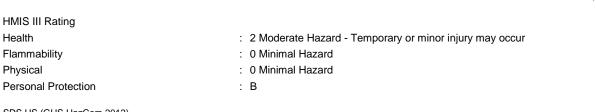
	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
	Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3	
	Skin Corr. 1A	Skin corrosion/irritation, Category 1A	
	H301	Toxic if swallowed	
	H302	Harmful if swallowed	
	H314	Causes severe skin burns and eye damage	
	H402	Harmful to aquatic life	

NFPA health hazard

NFPA fire hazard

NFPA reactivity

- : 0 Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
- : 0 Materials that will not burn.
- : 0 Normally stable, even under fire exposure conditions, and are not reactive with water.



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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product