



SAFETY DATA SHEET



1. Product and Company Identification

1.1 Product identifier:	Kirkland Signature Household Surface Wipes	SDS 0134-01
Other means of identification:	M964S4	
1.2 Identified Use:	Consumer Uses (SU 21); Hard, Nonporous Surface Cleaner	
Uses Advised Against:	Not a baby wipe. Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout.	
1.3 Distributed by:	Costco Wholesale UK Ltd / Costco Online UK Ltd Hartspring Lane Watford Herts WD25 8JS United Kingdom +44 (0) 1923 213113 www.costco.co.uk memberservices@costco.co.uk	Costco Wholesale Spain, S.L.U. Parque Empresarial La Moraleja Avda. de Europa, 19, 3A 28108 Alcobendas (Madrid) España +34 91 562 04 20 www.costco.es costcospain@costco.es +34 91 562 04 20
1.4 Emergency Telephone:	+44 (0) 1923 213113	

2. Hazards Identification

2.1 Product Classification	CLP REGULATION (EC) No 1272/2008
Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not determined.
2.2 Label elements	
Hazard symbol	None
Signal word	None
Hazard statement	The mixture does not meet the criteria for classification
Precautionary statements	P102 Keep out of reach of children. P103 Read label before use. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P101+ P311 If medical advice is needed, have product container or label at hand Call a POISON CENTER or doctor/physician.
Supplemental information	Not applicable.

3. Composition/Information on Ingredients

Mixture

Chemical name	CAS number	EC No	% Weight	Classification according to 67/548/EEC
1-(1-methyl-2-propoxyethoxy)propan-2-ol	29911-27-1	249-949-4	1,0 – 5,0	Not classified
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	0,1 – 0,5	Xn, R22. C, R34, N,R50
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl) methyl] dimethyl, chlorides	68956-79-6		0,1 – 0,5	Xn, R22. C, R34, N,R50
D-Glucopyranose, oligomeric, C8-10 glycosides	68515-73-1	500-220-1	0,1 – 0,5	Xi, R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

4. First Aid Measures

4.1 Description of First Aid measures

Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air.
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If medical advice is needed, have product container or label at hand Call a POISON CENTER or doctor/physician.
Ingestion	Not a normal route of exposure. Call poison control center or doctor for treatment advice

4.2 Indication of immediate medical attention and special treatment needed

Treat symptomatically

4.3 General information

Call a Poison Control Center or doctor for treatment advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Take container, label or product name Number with you when seeking medical attention.

5. Fire Fighting Measures

5.1 Extinguishing media

Treat for surrounding material.

Unsuitable extinguishing media

None known

5.2 Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed

5.3 Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting

In the event of fire, cool product with water spray

equipment/instructions

Specific methods

Cool product exposed to flames with water until well after the fire is out.

General fire hazards

No unusual fire or explosion hazards noted.

5.4 Hazardous combustion products

Not available

Sensitivity to mechanical impact

Not available

Sensitivity to static discharge

Not available

6. Accidental Release Measures

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| 6.1 Personal precautions, protective equipment and emergency procedures | Avoid excessive skin contact. For personal protection, see section 8 of the SDS. |
| 6.2 Methods and materials for containment and cleaning up | Stop the flow of material, if this is without risk. For waste disposal, see section 13 of the SDS. |
| 6.3 Environmental precautions | Do not discharge into lakes, streams, ponds or public waters. |

7. Handling and Storage

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| 7.1 Precautions for safe handling | Use according to package label instructions.
Practice good housekeeping. This is not a baby wipe. Avoid contact with eyes.
Do not reuse wipe / towelette. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store away from heat. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. |

8. Exposure Controls/Personal Protection

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| 8.1 Occupational exposure limits | No exposure limits noted for ingredient(s). |
| 8.2 Biological limit values | No biological exposure limits noted for the ingredient(s). |
| 8.3 Exposure guidelines | This material does not have established exposure limits. |
| 8.4 Appropriate engineering controls | General ventilation normally adequate. |
| 8.5 Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Not required under normal use conditions. |
| Skin protection | |
| Hand protection | Not required under normal use conditions. |
| Other | Not normally required. |
| Respiratory protection | Not normally required under normal use conditions. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. |
| 8.7 Thermal hazards | Not available. |
| 8.8 General hygiene considerations | Follow good hygienic and housekeeping practices. |

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Physical state	Solid.
Form	Pre-moistened towelette.
Color	White
Odor	Lemon
Odor threshold	Not available.
pH	5.0 - 7.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	> 95.0 °C (liquid)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

10.1 Reactivity	This product may react with strong oxidizing agents.
10.2 Possibility of hazardous reactions	Hazardous polymerization does not occur.
10.3 Chemical stability	Material is stable under normal conditions.
10.4 Conditions to avoid	Do not use on natural marble, windows, unpainted wood, brass, clear plastic or colored grout. Do not use or store near heat or open flame. Contact with incompatible materials.
10.5 Incompatible materials	Strong oxidizing agents. Acids.
10.6 Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Ammonia

11. Toxicological Information

11.1 Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.	
11.2 Information on likely routes of exposure		
Ingestion	Health injuries are not known or expected under normal use.	
Inhalation	Health injuries are not known or expected under normal use.	
Skin Contact	Health injuries are not known or expected under normal use.	
Eye Contact	Health injuries are not known or expected under normal use.	
11.3 Symptoms related to the physical, chemical and toxicological characteristics	There are no hazards associated with this product in normal use.	
11.4 Information on toxicological effects		
Acute Toxicology	Species	Test Results
<i>Dermal</i>	Rat	> 5.0 g/kg b.w.
<i>Oral</i>	Rat	> 5.0 g/kg b.w.
<i>Inhalation</i>	Rat	> 2.3 mg/L for 4 hours
11.5 Skin corrosion/irritation	Non-irritating based on test data.	
Exposure minutes	240	
Erythema value	0.33	
Oedema value	0	
11.6 Serious eye damage/eye irritation	Non-irritating based on test data.	
Corneal opacity value	0	
Iris lesion value	0	
Conjunctival reddening value	1	
Conjunctival oedema value	1	
Recover days	1	
11.7 Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	Not a skin sensitizer based on test data.	
11.8 Germ cell mutagenicity	The finished product is not expected to have chronic health effects.	
11.9 Mutagenicity	The finished product is not expected to have chronic health effects.	
11.10 Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
11.11 Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
11.12 Teratogenicity	The finished product is not expected to have chronic health effects.	
11.13 Specific target organ toxicity - single exposure	Not classified.	
11.14 Specific target organ toxicity - repeated exposure	Not classified.	
11.15 Aspiration hazard	Not classified.	
11.16 Chronic effects	Not classified.	
11.17 Further information	This product has no known adverse effect on human health.	
11.18 Name of Toxicologically Synergistic Products	Not available.	

12. Ecological Information

12.1 Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2 Persistence and degradability	No data is available on the degradability of this product.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Mobility in general	Not available.
12.6 Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

13.1 Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. Follow container label directions carefully. Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.
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14. Transport Information

14.1 General	Not classified for Transport
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15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	EU legislation Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
15.2 Chemical Safety Assessment	No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16. Other Information

16.1 Revision Comments	N/A
16.2 Revision Date	March 20, 2015
16.3 Revision	Revision 0
16.4 Expiration Date	2018/03/20
16.5 SDS Status	The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.
16.6 Risk phrases in full	R22 Harmful if swallowed. R34 Causes burns. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms
16.7 Hazard Statements in full	N/A
16.8 Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
16.9 Bulk Liquid Item Numbers	4OM94501