Product Information Data Sheet



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

WINDOLENE Trigger

1.2. Relevant identified uses of the substance or mixture and uses advised against Glass cleaner

1.3. Details of the Supplier of the Safety Data Sheet

The United Kingdo RB UK Commercial Wellcroft House Wellcroft Road Slough Berkshire SL1 4AQ		The Republic Of Ireland: Reckitt Benckiser Ireland Ltd 7 Riverwalk Citywest Business Campus Dublin 24 Ireland			
1.4 Emergency tele	phone number	Only available during the following office hours: 09	:00 - 17:00 weekdays		
UK Contact Telephone: 0845 769 7079 ROI Contact Telephone: 01 661 7318 Contact Email: consumer.relations-ukroi@rb.com					
Revision Date:	Revision	Replacing	RB Ref No:		
1 October 2015	6	8023800005 01 Jul 2015	8023800006		
Revisions: Minor formula change. Update to section 2					
Additional useful information					
Product Format: Blue Liquid					

(i)

Proper Shipping Name Not Classified Dangerous for Transport





2.1 Classification of the subs	tar	nce or mixture		
Product definition : Mixture				
	Re	gulation (EC) No. 1272/2008 [CLP/GHS]		
Not classified				
Classification according to I	Dir	ective 1999/45/EC [DPD]		
The product is not classified	as	dangerous according to Directive 1999/45/EC and its amendments.		
Classification	:	Not classified		
See Section 16 for the full text	of	the R phrases or H statements declared above.		
See Section 11 for more detail	ed	information on health effects and symptoms.		
2.2 Label elements				
Signal word	:	No signal word.		
Hazard statements	:	No known significant effects or critical hazards.		
Precautionary statements				
General	5	Keep out of reach of children.		
Prevention	5	Not applicable.		
Response	5	Not applicable.		
Storage		Not applicable.		
Disposal	5	Not applicable.		
Risk phrases	5	This product is not classified according to EU legislation.		
Safety phrases	5			
		S2- Keep out of the reach of children.		
		S46- If swallowed, seek medical advice immediately and show this container or label.		
Hazardous ingredients (DPD)	1	Not applicable.		
Hazardous ingredients (CLP)	:	Not applicable.		
Supplemental label elements (DPD)	:	Not applicable.		
Supplemental label elements (CLP)	:	Not applicable.		
Special packaging requirements				
Containers to be fitted with child-resistant fastenings	:	Not applicable.		
Tactile warning of danger	:	Not applicable.		
2.3 Other hazards				
Other hazards which do not result in classification	:	None known.		



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

1.4% days

Substance/mixture	: Mixture				
			Class	<u>ification</u>	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
3-butoxypropan-2-ol	EC: 225-878-4	0.25 -	Xi; R36/38	Skin Irrit. 2, H315	[1]
	CAS: 5131-66-8 Index: 603-052-00-8			Eye Irrit. 2, H319	
			See Section 16 for the full text of the R- phrases declared above.	See Section 16 for the full text of the H statements declared above.	

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

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None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid n	neasures
Eye contact	 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	 Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed <u>Potential acute health effects</u>

Eye contact	: May cause eye irritation upon direct contact with eyes.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/	symptoms
Eye contact Inhalation	No specific data. No specific data.
Skin contact	: No specific data.
Ingestion	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

SECTION 5: FIREFIGHTING MEASURES



5.1 Extinguishing media Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.	
Unsuitable extinguishing media	None known.	
5.2 Special hazards arising f	the substance or mixture	
Hazards from the substance or mixture	In a fire, hazardous decomposition products may be produced.	
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide	
5.3 Advice for firefighters		
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident there is a fire. No action shall be taken involving any personal risk or without suita training.	
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure m Clothing for fire-fighters (including helmets, protective boots and gloves) conformir to European standard EN 469 will provide a basic level of protection for chemical incidents.	

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for Small spill		ontainment and cleaning up Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.



SECTION 7: HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe hand	ing
Protective measures	: Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe storag	e, including any incompatibilities
Storage	: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
7.3 Specific end use(s)	
Recommendations	Consumer uses Glass cleaners
Industrial sector specific solutions	Not available.



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters		
Occupational exposure limi	its	
Product/ingredie	nt r	ame Exposure limit values
Europe		
No exposure limit value know	n.	
Recommended monitoring procedures	:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
8.2 Manufacturer: Exposure (con	trols
Appropriate engineering controls	1	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measu	ires	i de la companya de l
Hygiene measures		Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	-	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	-	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Permeation level 6, Penetration level 3 following EN374, taking into consideration
		the exposure of chemicals given in chapter 3.
Body protection	-	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	-	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	-	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	-	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physica	l a	nd chemical properties
Appearance		
Physical state	:	Liquid. [Clear.]
Color	:	Blue.
Odor	:	Characteristic.
Odor threshold	:	Not available.
pH	5	3 to 4 [Conc. (% w/w): 100%] [20°C]
Melting point/freezing point	:	Not available.
Initial boiling point and	5	Not available.
boiling range		
Flash point		Closed cup: >93.3°C
Evaporation rate		Not available.
Flammability (solid, gas)	÷	Not available.
Burning time		Not applicable.
Burning rate		Not applicable.
Upper/lower flammability or explosive limits	1	Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Density	:	0.992 to 1.005 g/cm3 [20°C]
Solubility(ies)	:	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	1	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.
Corrosivity Remarks	:	Not available.

9.2 Other information

No additional information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredier	nts.
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: No specific data.	
10.5 Incompatible materials	: Do not mix with household chemicals.	
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
Instability Conditions Instability temperature	Not available. Not available.	



SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
3-butoxypropan-2-ol	LD50 Dermal	Rabbit	3100 mg/kg	-

Acute toxicity estimates

Not available.

Irritation/Corrosion

No known effect according to our database.

Sensitization

No known effect according to our database.

Mutagenicity

No known effect according to our database.

Carcinogenicity

No known effect according to our database.

Reproductive toxicity

No known effect according to our database.

Teratogenicity

No known effect according to our database.

Specific target organ toxicity (single exposure)

No known effect according to our database.

Specific target organ toxicity (repeated exposure)

No known effect according to our database.

Aspiration hazard

No known effect according to our database.

Potential acute health effects

Eye contact	: May cause eye irritation upon direct contact with eyes.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No specific data.
Inhalation	No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
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Potential chronic health effects Not available

Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
Other information	: Not available.



12.1 Toxicity

No known effect according to our database.

12.2 Persistence and degradability

No known effect according to our database.

Conclusion/Summary	The surfactant(s) contained in this preparation complies (comply) with the
	biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
	Data to support this assertion are held at the disposal of the competent authorities of
	the Member States and will be made available to them, at their direct request or at
	the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
3-butoxypropan-2-ol	1.2	-	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.
12.5 Results of PBT and	vPvB assessment
PBT	: Not applicable.
vPvB	: Not applicable.

12.6 Other adverse effects

: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product	
Methods of disposal	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: Yes.

European waste catalogue (EWC)

Waste code	Waste designation
20 01 29*	detergents containing dangerous substances
Packaging	
Methods of disposal	 The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	 This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



SECTION 14: TRANSPORT INFORMATION

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

SECTION 15: REGULATORY INFORMATION

Chemical Safety Assessment following regulation 1907/2006/EC: Not relevant.

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

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Integrated pollution prevention and control list (IPPC) - Air	: Not listed
Integrated pollution prevention and control list (IPPC) - Water	: Not listed
CMR Substances	
None of the components are	listed.
Storage code	: 12
Storage code Reference:	: TRGS 510 - Storage of hazardous substances in nonstationary containers
Hazard class for water	: 1 Appendix No. 4
WGK: Notes	 for bulk material, not applicable for product in domestic pack sizes. Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (VwVwS)



SECTION 16: OTHER INFORMATION

Abbreviations and acronyms	: ATE = Acute Toxicity Estin CLP = Classification, Labe 1272/2008] DNEL = Derived No Effect EUH statement = CLP-spe PNEC = Predicted No Effe RRN = REACH Registration	lling and Packaging Regulation [Regulation (EC) No. Level cific Hazard statement ct Concentration
Key literature references and sources for data	: Not available.	
	Regulation (EC) No. 1272/200	8 [CLP/GHS]
Not classified		
Procedure used to derive the	e classification according to	Regulation (EC) No. 1272/2008 [CLP/GHS]
Class	fication	Justification
Classi Not classified	fication	Justification
	fication	Justification
Not classified	fication : H315 Causes skin irrita H319 Causes serious e	ation.
Not classified Europe Full text of abbreviated H	: H315 Causes skin irrita H319 Causes serious e : Eye Irrit. 2, H319	ation.
Not classified <u>Europe</u> Full text of abbreviated H statements Full text of classifications	: H315 Causes skin irrita H319 Causes serious e : Eye Irrit. 2, H319	ation. eye irritation. SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge if the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This Document may be entitled <u>Product Safety Data Sheet</u> as required by REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) Annex II OR <u>Product Data Information Sheet</u> where a product is not required to be supported by a full REACH compliant SDS (e.g. not classified as hazardous or out of scope, such as cosmetics). Changes from the previous version are given in Section 1.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.