

CHEMISPHERE UK Ltd

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1 Identification of the substance/preparation and company

NAME:

BRUSH UP

Manufactured by: CHEMISPHERE UK Ltd [above]

Emergency Tel No: 0800 018 8062 (UK) / 00 44 1536 518 062

2 Composition/information on ingredients

<u>Ingredient</u>	<u>%(w/w)</u>	<u>Classification</u>	<u>Risk</u>
Propan-2-OL [IPA]	<20%	F;R11	Highly flammable @ 100%, see 9 below.
Fatty Acid Sulphonate [Potassium Salt]	<20%	Xi;R36/38	Irritating to eyes and skin.

3 Hazards information

Exposure to the undiluted product may causes irritation in cases of prolonged contact with skin, eyes, and digestive systems. Diluted product - at user concentrations carries little or no exposure risk.

4 First-aid measures

The following information/advice applies mainly to the undiluted product; diluted product - at user concentrations carries little or no exposure risk.

<u>Route of exposure</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	N/A	
Skin contact	Irritation	Wash and dry skin; apply skin cream, e.g. E45.
Eye contact	Irritation, reddening, watering	Irrigate thoroughly with water for at least 10 minutes. Seek medical attention.
Ingestion	Discomfort in or irritation of upper digestive tract Stomach upset	Wash out mouth. Give water or any non-alcoholic cold beverage to drink. If patient feels unwell, seek medical attention.

5 Fire-fighting measures

Non-flammable Not applicable

6 Accidental release measures

Personal precautions:	Essentially safe.
Disposal considerations:	Dilute material can be run to drain.
Spillages	Dilute with water and mop up or flush to drain.

7 Handling & storage

Handling	Concentrated, undiluted product: avoid contact with eyes and skin; or ingestion. Wear appropriate personal protection equipment; see 8 below Always reseal container immediately after use.
Storage	Keep out of reach of children at all times. Do not stack individual containers. Cartons may only be stacked four high if dry, sealed and correctly interlocked on a pallet. Wrapping is recommended for long-term storage and for transporting. Store at ambient temperature. Ensure storage in a location to avoid crushing, collapsing, dropping or damage.

8 Exposure controls/personal protection

Respiratory	Not applicable for normal use.
Hand protection	BRUSH UP - when used at the recommended working concentration - is not known to product any deleterious effects. However, if operator is aware of pre-existing skin sensitivity, rubber or PVC gloves should be worn, especially if hands are to be immersed in solution for any length of time. After prolonged exposure, treatment with a good proprietary skin cream, e.g. E45.

9 Physical & chemical properties

Appearance	Amber aqueous liquid.
Odour	Alcoholic.
pH	6.8
Flammability	Non-flammable.
Relative Density	1.01 at 20°C.

10 Stability & reactivity

Stability	Stable; no decomposition if stored and handled as directed.
Conditions to avoid	None known.
Materials to avoid	Do not mix with other chemicals or cleaning preparations.
Hazardous decomposition products	None known

11 Toxicological information

Inhalation	Unlikely.
Skin contact	With undiluted product [concentrate], prolonged contact may result in irritation.
Eye contact	With undiluted product [concentrate], prolonged contact may result in irritation.
Ingestion	Low oral toxicity.

12 Ecological information

Mobility	Soluble in water. Will readily percolate through soil.
Degradability	Product is >95% biodegradable according to EEC Directive 82/243.
Accumulation	No evidence of bioaccumulation.
Environmental effects	The undiluted concentrate product presents low toxicity risk to aquatic life; the diluted product [working solution] in a practical situation, presents no risk.

13 Disposal considerations

Material	Undiluted material must be disposed of in accordance with local authority regulations. Dilute material can be run off to drain.
Container	Empty containers should be rinsed out thoroughly prior to disposal.

14 Transport information

Not classified for transport.

15 Regulatory information

Classification	N/A
Risk phrases	N/A
Safety phrases	S2Keep out of reach of children. S37Wear suitable gloves.

16 Other information

Recommended uses & restrictions	BRUSH UP is recommended for use as the washing agent in rotary brush-type commercial glasswashing machines.
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Do not use in any other application than that which is suggested or declared on the label or product brochure.

Training advice	Since major performance and safety benefits can be derived from correctly using the product, it is recommended that operatives are properly trained on the handling and use of the product. Training literature and advice is available via the manufacture - Chemisphere UK Ltd - or the relevant regional main agent.
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Disclaimer: The above information is based on the state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the quality or the specification of the product. No warranty is given if the product is used for any other purpose other than that suggested, recommended or declared on the product label or brochure. The user must satisfy him/herself that the product is entirely suitable for his/her purpose.

This data supplied complies with CHIP2.

Reference: ChemData001 17/11/99 (1)