SAFETY DATA SHEET

Product Name:	**HAND AND SURFACE WIPES/ INDUSTRIAL HEAVY DUTY ABRASIVE WIPES**	**SDS Reference**	WHT07
Blend:	BL/0011 and BL/0010 and BL/0013	**PRODUCT CODES:**	HW150/IW100
Version No. 1	**Initial issue date** August 4th, 2015	**Revision date**	

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product identifier **HAND AND SURFACE WIPES/INDUSTRIAL HEAVY DUTY ABRASIVE WIPES**

1.2 Use (s) Hand cleaning wipe solution

1.3 SDS Supplier

ASTRAL CSL
Pilkingtons Industrial Estate
Rake Lane
Swinton
M27 8LP

Telephone 0161 643 0260

1.4 Emergency Telephone 0161 643 0260 (Office hours)

SDS Competent Person e-mail:
r.murie@productbrokers.co.uk

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Not classified

2.1.2 Additional information

See section 16 for full text of H statements

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s): NONE **Signal word** NONE

Hazard statement(s) NONE

Precautionary statement(s) NONE

2.3 Other hazards THE PREPARATION CONTAINS SUBSTANCES THAT HAVE A WORKPLACE EXPOSURE LIMIT (WEL)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

Substances

Chemical name	CAS-No	EINECS/ELINCS	Classification	Concentration
PROPAN-2-OL	67-63-0	200-661-7	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336	3-5%
ALCOHOL, C9-11, ETHOXYLATED	68439-45-2	NOT ASSIGNED	Acute Tox. 4 H302; Eye Dam. 1 H318	0.5-1.0%
PROPANE-1,2-DIOL	57-55-6	200-338-0	Not classified (WEL assigned)	1-3%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation Remove casualty to fresh air. If necessary, seek medical advice.

Skin contact Clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.

Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.

Ingestion If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.

4.2 Most important effects/symptoms None known

4.3 Immediate/special treatment Treatment as described above. Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media Extinguish with alcohol resistant foam, carbon dioxide, waterfog (spray), dry powder.

5.2 Special hazards In case of fire, may release poisonous fumes of CO and NO_x.

5.3 Advice for fire fighters Wear self-contained breathing apparatus. Avoid run-off water entering the drains (e.g. use barriers)

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions Wear suitable personal protective equipment (see section 8.2)

6.2 Environmental precautions Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

6.3 Methods and materials for cleaning up Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed

6.4 Reference to other sections See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling — Handle in accordance with good hygiene and safety practice. Keep container tightly closed. Keep away from sources of ignition- No smoking!

7.2 Conditions for safe storage — Store in a cool, dry, well-ventilated area, away from incompatible materials.

7.3. Specific end use(s) — Hand cleaning wipe solution

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters — Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2011).

LTEL (8 hour TWA):	400	ppm	999	mg/m^3	Data for propan-2-ol
STEL (15 min):	500	ppm	1250	mg/m^3	Data for propan-2-ol
LTEL (8 hour TWA):	150	ppm	474	mg/m^3	Data for propane-1,2 diol*
LTEL (8 hour TWA):		ppm	10	mg/m^3	Data for propane-1,2 diol**

* total vapour and particulates; ** particulates

8.2 Exposure controls

Engineering controls — Provide adequate ventilation (e.g. local exhaust ventilation).

Personal protection — Observe normal standards for handling chemicals.
Wash hands before breaks and after work.
Wear personal protective equipment appropriate to the task (see below)

Eye protection — Safety goggles (EN 166 or 169) if risk of eye contamination.

Skin protection — Suitable gloves (e.g. nitrile rubber) (but also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)

Respiratory protection — Not normally required.

Other protection — Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Non woven wipe
Colour	Colourless
Odour	Characteristic
Odour Threshold	Not determined
pH	Approx. 7
Boiling pt / range	ca. 100°C
Melting pt / range	Not determined
Flash point	ca.60°C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Auto-ignition temperature	Not determined
Decomposition temp.	Not determined
Density	ca. 1 g/ml
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Fully miscible
Explosive properties	Not applicable
Oxidising properties	Not determined
Partition coeff. Log $_{Oct/water}$	Not determined
9.2 Other information	None known

10. STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible material	None known
10.6 Hazardous decomposition products	In case of fire, may release poisonous fumes.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD_{50} rat (oral)	300-2000	mg/kg	Data for alcohol, C9-11, ethoxylate
	LD_{50} rat (derm)	>2000	mg/kg	Data for alcohol, C9-11, ethoxylate
Dermal compatibility	No data available.			
Mucous membrane compatibility	No data available			
Further information	None known			

12. ECOLOGICAL INFORMATION

12.1 Toxicity	EC_{50} Daphnia magna
12.2 Degradability	Not determined
12.3 Bioaccumutive potential	Not determined
12.4 Mobility in soil	Not determined
12.5 PBT/vPvB assessment	Not applicable

1-10	mg/l	Data for alcohol, C9-11, ethoxylate, 96 hr		

12. ECOLOGICAL INFORMATION

12.6 Other adverse effects Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

Contaminated packaging Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should not be marked as a marine pollutant.
14.6 Special procedures	Not applicable
14.7 Transport in bulk	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.

15.2 Chemical safety assessment Not applicable

16. OTHER INFORMATION

16. OTHER INFORMATION

Further information The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

Hazard statements referred to in sections 2/3

H225: Highly flammable liquid and vapour
H302: Harmful if swallowed.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Sources of data Other suppliers' safety data sheets, EH40(2011)

Date of issue 04-08-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.