

Material Safety Data Sheet

Shield Heavy Duty Surface Wipe – ASW

1. Identification of the substance/company

Product Name: ASW Heavy Duty Surface Wipes
Brand Name: Shield
Product Code: ASW
Product Use: Cleaning wipe.

Name of Supplier: HPC Healthline UK Ltd

Address of Supplier: Colwood House
158 Garth Road
Morden
Surrey
SM4 4LZ

Telephone: 020 8335 3636
Fax: 020 8335 0300

2. Hazard Identification

Classification of the substance or mixture:

CLP classification Eye Irritant 2: H319

Main hazards: Serious irritation to eyes.

Label Elements:

Label elements under CLP

Hazard statements: H319 Causes serious eye irritation

Signal words: Warning

Hazard pictograms GHS07: Exclamation mark



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Precautionary statements	P264 P280 P305 + 351 + 338 P337 + 313	Wash hands thoroughly after handling Wear eye protection If in eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice.
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PBT: This product is not identified as a persistent bio-accumulative (PBT) or very persistent and very bio-accumulative (vPvB) substance.

3. Composition / information on ingredient

Hazardous ingredients:

Chemical Name	EINECS Number	CAS Number	Content - %	CHIP Classification	CLP Classification
Propan-2-ol	200-661-7	67-63-0	1 - 10	-	Flammable liquid 2: H225 Eye irritant 2: H319 STOT SE 3: H336
Quaternary Ammonium Compounds	-	68424-85-1	< 1	-	Acute toxicity 4: H302 Skin corrosive 1B: H314 Acute toxicity 4: H312

4. First Aid Measures

Eye contact: Symptoms There may be irritation and redness.
Action Bathe the eyes with running water for 15 minutes. Seek medical attention.

Skin contact: Symptoms There may be irritation and redness at the site of contact.
Action Rinse hands after use.

Ingestion: Symptoms There may be irritation of the mouth.
Action Wash out mouth with water.

Inhalation: Symptoms No symptoms.
Action Safely remove casualty from exposure to fresh air. Seek medical attention.

Delayed / Immediate effects: not applicable.

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5. Fire Fighting Measures

Fire-fighting media: Water spray, dry powder, carbon dioxide, alcohol-resistant foam. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion, emits toxic fumes.

Advice for fire-fighters: Inhalation of fumes must be avoided. Fire fighters should wear the appropriate breathing apparatus and adequate skin protection to protect from thermal combustion products.

6. Accidental release measures

Personal precautions: Refer to section 8 for personal protection details.
Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers

Clean up procedure: Transfer to sealable, labelled salvage container for disposal by an appropriate method. Do not use equipment for cleaning that may produce sparks.

7. Handling and Storage

Storage precautions: Store in a cool, dry and well-ventilated area
Keep the container closed.
Do not smoke in the vicinity of use.
Use non-sparking tools.

Handling requirements: Ensure there is sufficient ventilation of the area; do not handle in confined spaces.
Keep the container tightly closed.
Keep away from sources of ignition.
Prevent the build-up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment is not a source of ignition.

8. Exposure Controls

State	Workplace Exposure Limit (WEL)		Respirable dust	
	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

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DNEL / PNEC	No data available
Engineering measures:	Ensure that there is sufficient ventilation of the area. Ensure lighting and electrical equipment is not a source of ignition.
Respiratory protection:	Respiratory protection is not required.
Hand protection:	Nitrile Gloves. Personal Protective Equipment, not required under normal use.
Eye protection:	Safety glasses. Ensure eye wash station / bath is nearby. Personal Protective Equipment, not required under normal use.
Skin protection:	Personal Protective Equipment not required under normal use.
Environmental:	Refer to specific Member State legislation for requirements under Community environmental legislation.

9. Physical and chemical properties

Physical state:	Solid - wet, non-woven wipes
Colour:	Blue
Odour/taste:	Characteristic odour
Evaporation point:	No data available
Oxidising:	Non-oxidising (under EC criteria)
Solubility in water:	The solution used to impregnate wipes is miscible.
Viscosity:	No data available
Boiling point/range:	No data available
Flammability limits:	No data available
Flash point:	41 °C
Auto flammability:	No data available
Relative density:	No data available
Melting point/range:	No data available

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Part. Coeff. N-octanol/ water: No data available
 Vapour pressure: No data available
 pH: No data available
 VOC g/l: No data available

In accordance with EU Directive 1999/45/EC Annex VI (2.2.5) this product will not sustain combustion and is not regarded as requiring a R10 flammable warning.

10. Stability and reactivity

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid: Heat. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents / Strong acids

Hazardous decomposition products: In combustion emits toxic fumes.

11. Toxicological information

Hazardous Ingredients:

Propan-2-ol

Oral	MUS	LD50	3600 mg/kg
Oral	RAT	LD50	5045 mg/kg

Toxicity values: No data available.

Routes of exposure: Refer to section 4 of the safety data sheet for routes of exposure and corresponding symptoms.

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12. Ecological information

Eco-toxicity values:	No data available
Mobility:	Insolubility in water.
Persistence and degradability:	Not biodegradable
Bio-accumulative potential:	No bio-accumulative potential
PBT / vPvB assessment:	This product is not identified as a PBT/vPvB substance.
Other adverse effects:	Negligible eco-toxicity.

13. Disposal consideration

Disposal methods: Transfer to a suitable container and dispose of in a regulated landfill site or by other method for hazardous or toxic waste. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

14. Transport information

Transport class: This product does not require a classification for transport.

15. Regulatory information

Specific Regulations: Not applicable

Chemical safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

This safety data sheet has been prepared in accordance with Commission Regulation (EU) No 453/2010.

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Phrases used in s.2 and s.3	H225	Highly flammable liquid and vapour
	H302	Harmful if swallowed
	H312	Harmful in contact with skin
	H314	Causes severe skin burns and eye damage
	H319	Causes serious eye irritation
	H336	May cause drowsiness or dizziness

Legend to Abbreviations	PNEC	Predicted no effect level
	DNEL	Derived no effect level
	LD50	Median lethal dose
	LC50	Median lethal concentration
	EC50	Median effective concentration
	IC50	Median inhibitory concentration
	dw	Dry weight
	bw	Body weight
	cc	Closed cup
	oc	Open cup
	MUS	Mouse
	GPG	Guinea pig
	RBT	Rabbit
	HAM	Hamster
	HMN	Human
	MAM	Mammal
	PGN	Pigeon
	RAT	Rat
	IVN	Intravenous
	SCU	Subcutaneous
	SKN	Skin
	DRM	Dermal
	OCC	Ocular / corneal
	PCP	Physico-chemical properties
	PBT	persistent bio-accumulative
	vPvB	very persistent and very bio-accumulative

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16. Other information

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The data contained in this data sheet is based on HPC Healthline UK Ltd's present knowledge of the health and safety properties of the product and has been reproduced from the supplier's data; it is believed to be accurate and is given in good faith.

The physical and chemical properties are typical values only and do not constitute the full specification of the product, which will be agreed separately.

Although the information and recommendations in this data sheet are to the best of HPC Healthline UK Ltd's knowledge correct, it is recommended that the customer makes their own determination of the material's suitability for purpose, before it is used.

HPC Healthline UK Ltd gives no warranty expressed or implied, with respect to such information and assumes no liability resulting from its use or to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded, except to the extent that law prevents such exclusion.

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