




**MATERIAL SAFETY DATA SHEET FOR
BOSS HAND WIPES - 84635124**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Hand Cleaner Wipes
Trade Name:	BOSS Hand Wipes
Supplier of product:	The BSS Group Ltd
Registered Office:	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
Telephone/Fax Numbers:	0116 245 5500 / 0116 218 2214
E-mail Address	reception@bssgroup.com
Web site Address	www.bssindustrial.co.uk

2. HAZARD IDENTIFICATION

Classification under CLP:	Eye Irrit. 2: H319; -: EUH208
Most important adverse effects:	Contains d-limonene. May produce an allergic reaction. Causes serious eye irritation.
Label elements under CLP:	
Hazard statements:	EUH208: Contains d-limonene. May produce an allergic reaction. H319: Causes serious eye irritation.
Signal words:	Warning
Hazard pictograms:	GHS07: 
Precautionary statements:	P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351 +338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists: Get medical advice. P332+313: If skin irritation occurs: Get medical advice/attention.
Other hazards	
PBT:	This product is not identified as a PBT/vPvB substance.



3. COMPOSITION/INFORMATION ON INGREDIENTS.

Composition/information on ingredients				
Hazardous ingredients:				
PROPAN-2-OL				
EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
D-LIMONENE				
227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%

4. FIRST AID MEASURES

Skin Contact:	In case of allergy, drench the affected skin with water
Eye Contact:	Bathe the eye with running water for 15 minutes.
Ingestion:	As the substrate is a wipe material ingestion is highly unlikely but in the event do not induce vomiting and wash mouth out with water. Consult a doctor
Inhalation:	Move to fresh air in case of accidental inhalation of vapours.
Most important symptoms and effects, both acute and delayed	
Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed/ immediate effects:	No data available.
Indication of any immediate medical attention and special treatment needed	
Immediate / special treatment:	Not applicable.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Suitable extinguishing media for the surrounding fire should be used.
Special hazards arising from the substance or mixture	
Exposure hazards:	In combustion emits toxic fumes.
Advice for fire-fighters	
Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
Personal precautions:	Refer to section 8 of SDS for personal protection details.
Environmental precautions	
Environmental precautions:	Do not discharge into drains or rivers.
Methods and material for containment and cleaning up	
Clean-up procedures:	Wash the spillage site with large amounts of water.
Reference to other sections	
Reference to other sections:	Refer to section 8 of SDS. Refer to section 13 of SDS.

7. HANDLING AND STORAGE:

Precautions for safe handling	
Handling requirements:	Ensure there is sufficient ventilation of the area. Smoking is forbidden.
Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in cool, well ventilated area.
Specific end use(s)	
Specific end use(s):	PC35: Washing and cleaning products (including solvent based products).

8. EXPOSURE CONTROLS

Control parameters				
Hazardous ingredients:	PROPAN-2-OL			
Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

DNELIPNEC Values				
Hazardous ingredients:				
PROPAN-2-OL				
Type	Exposure	Value	Population	Effect
DNEL	Oral	26 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	319 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	888 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	89 mg/m ³	Consumers	Systemic
DNEL	Inhalation	500 mg/m ³	Workers	Systemic
PNEC	Fresh water	140.9 mg/l	-	-
PNEC	Fresh water sediment	552 mg/kg	-	-
PNEC	Marine water	140.9 mg/l	-	-
PNEC	Marine sediment	552 mg/kg	-	-
PNEC	Soil (agricultural)	28 mg/kg	-	-



8. EXPOSURE CONTROLS (cont)

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Personal Protective Equipment, not required under normal use.
Eye protection:	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

Information on basic physical and chemical properties			
State:	Wet, non-woven wipes		
Colour:	Various		
Odour:	Characteristic odour		
Evaporation rate:	No data available.		
Oxidising:	Non-oxidising (by EC criteria)		
Solubility in water:	Insoluble		
Viscosity:	No data available.		
Boiling point/range °C:	No data available.	Melting point/range °C:	No data available.
Flammability limits %:	No data available.	upper:	No data available.
lower:			
Flash point °C:	41	Part.coeff. n-octanol/water	No data available.
Autoflammability °C	No data available.	Vapour pressure	No data available.
Relative density	No data available.	pH	No data available.
VOC g/l	No data available.		No data available.
Other information	In accordance with EU Directive 1272/2008/EC Annex VI (2 .2.5) this product will not sustain combustion and is not regarded as requiring a 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. Decomposition may occur on exposure to conditions or materials listed below
Conditions to avoid:	Heat
Materials to avoid:	Strong oxidising agents. Strong acids
Haz. decamp. Products:	In combustion emits toxic fumes



11. TOXICOLOGICAL INFORMATION

Hazardous ingredients				
PROPAN-2-0				
ORAL	MUS	LD50	3600	mg/kg
ORAL	RAT	LD50	5045	mg/kg
D-LIMONENE				
ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

Toxicity values:	No data available.
Symptoms / routes of exposure	
Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	No data available.
Other information:	Not applicable.

12. ECOLOGICAL INFORMATION

Ecotoxicity values:	No data available.
Persistence and degradability:	Not biodegradable.
Bioaccumulative potential:	No data available.
Mobility:	No data available.
PBT identification:	This product is not identified as a PBT/vPvB substance.
Other adverse effects:	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations:	Deposit into or on to land (e.g. landfill, etc.)
Disposal of packaging:	Dispose of as normal industrial waste.
NB:	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.
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15. REGULATORY INFORMATION

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



16. OTHER INFORMATION

Other information:	<p>This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.</p> <p>This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.</p> <p>In accordance with EU Directive 1272/2008/EC Annex VI (2.2.5) this product will not sustain combustion and is not regarded as requiring a flammable warning.</p>
Phrases used in s.2 and s.3:	<p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction .</p> <p>H225: Highly flammable liquid and vapour.</p> <p>H226: Flammable liquid and vapour.</p> <p>H315: Causes skin irritation.</p> <p>H317: May cause an allergic skin reaction.</p> <p>H319: Causes serious eye irritation.</p> <p>H336: May cause drowsiness or dizziness.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects</p>
Legend to abbreviations:	<p>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 IVN = intravenous SCU = subcutaneous SKN = skin DRM = dermal OCC = ocular/corneal PCP = physico-chemical properties</p>

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.