

SAFETY DATA SHEET

Large Screen TV / Wet & Dry Screen Wipe

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**
Wet & Dry Screen Wipe
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Surface cleaning
- 1.3 Details of the supplier of the safety data sheet**
Guardpack
5 Bilton Road
Chelmsford
Essex CM1 2UP
Tel: 01245 505807
Fax: 01245 358786
E mail: office@guardpack.co.uk
- 1.4 Emergency telephone number**

Tel. 01245 505807 Mon-Fri 9 am – 5 pm)
24hr 07798 624766

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Dangerous Preparations Directive 1999/45/EC

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

H412 Harmful to aquatic life with long lasting effects

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

H412 Harmful to aquatic life with long lasting effects

P273 Avoid release to the environment

P501 Dispose of contents/container to waste collection

EUH208 Contains limonene, 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.
May cause an allergic reaction.

2.3 Other hazards

None.

SECTION 3: Composition**3.1 Substances**

Not applicable - product is a mixture

3.2 Mixtures

An aqueous based liquid absorbed on to synthetic towelling sheets.

Name	CAS No.	Concentration	Classification
Limonene	5989-27-5	<0.5%	Xi-N; R10-38-43-50/53
			Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Tetradonium bromide	1119-97-7	0.1%	Xn-N: R20/22-37/38-41-50/53
			Acute Tox. 4 H302, Acute Tox. 4 H332 Skin Irrit. 2, H315, Eye Dam. 1 H318, STOT SE3 H335 Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Mixture of : 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	<0.01%	T,C,N; R:23/24/25-34-43-50
			Acute Tox. 3 H331, Acute Tox. 3 H311 Acute Tox. 3 H301, Skin Corr. 1B H314, Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

These classifications refer to the pure substance. See section 16 for full description of R phrases and H statements.

SECTION 4: First Aid Measures**4.1 Description of first aid measures**

EYE CONTACT: Wash thoroughly with water for several minutes and obtain medical attention if signs of discomfort.

INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.

SKIN CONTACT: Wash off with soap and water. If irritation persists, seek medical advice.

INGESTION: If swallowed, rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: If liquid from the wipe gets into the eye it may cause mild irritation with redness, stinging, watering of the eye.

INHALATION: Inhalation is considered to be unlikely.

SKIN CONTACT: Sensitive individuals may have an allergic reaction (redness, rash) to the fragrance (limonene) or preservative (isothiazolinone compounds).

INGESTION: Ingestion is considered to be unlikely.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

SECTION 5: Firefighting Measures**5.1 Extinguishing media**

Water spray, alcohol resistant foam, dry powder and carbon dioxide extinguishers are suitable.

5.2 Special hazards arising from the substance or mixture

No special hazards.

5.3 Advice for fire fighters

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

No special precautions necessary.

6.2 Environmental precautions

Prevent entry into sewers and watercourses.

6.3 Methods and materials for containment and clearing up

Collect wipes and place in a sealable container for disposal.

6.4 References to other sections

See section 8 and 13 for further advice.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling**

Ensure adequate ventilation. Avoid contact with eyes and prolonged contact with skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in its original labelled container. Keep out of reach of children and animals.

7.3 Specific end uses(s)

No special precautions.

SECTION 8. Exposure Controls/Personal Protection**8.1 Control parameters****EXPOSURE LIMITS**

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type
None.	-	-	-

8.2 Exposure controls**Engineering controls**

Normal room ventilation is expected to be adequate.

Respiratory protection

Not normally required. If large numbers of wipes or prolonged contact is expected then ensure adequate ventilation.

Hand Protection

If large numbers of wipes or prolonged contact is expected, then suitable gloves may be required. Butyl rubber, nitrile rubber may be suitable, but glove manufacturers recommendations should always be checked.

Eye protection

If large numbers of wipes are being used, then safety glasses or goggles may be appropriate.

Skin protection

If large numbers of wipes or prolonged contact is expected, then suitable protective clothing such as overalls with sleeves should be worn. Remove protective clothing when contaminated and wash before reuse.

Environmental Exposure Controls

Not normally required.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid absorbed onto towelling
Odour:	Mild citrus odour
Odour threshold:	No data
pH:	Approximately neutral
Melting point:	Liquid similar to water
Boiling point:	Liquid similar to water
Flashpoint:	None
Evaporation rate:	Liquid similar to water
Flammability:	Not flammable
Upper/lower flammability limits:	Not flammable
Vapour pressure:	Liquid similar to water
Vapour density:	Liquid similar to water
Relative density:	Approximately 1
Solubility in water:	Completely miscible
Solubility in other solvents:	No data
Partition coefficient (log Kow):	No data
Autoignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	Not applicable
Explosive properties:	Not classified as explosive
Oxidising properties:	Not classified as oxidising

9.2 Other information

None

SECTION 10: Stability and Reactivity**10.1 Reactivity**

Not considered to be reactive.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None expected.

10.4 Conditions to avoid

Avoid exposure to high and freezing temperatures.

10.5 Incompatible materials

Avoid contact with strong oxidisers.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological Information**11.1 Information on toxicological effects**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Not expected to present an acute toxicity hazard
(b) skin corrosion/irritation	Not expected to irritate to skin. Prolonged and frequent exposure may dry the skin.
(c) serious eye damage/irritation	If liquid from the wipe gets into the eye it may cause mild irritation
(d) respiratory/skin sensitisation	This product contains fragrance (limonene) and preservative (isothiazolinone compounds) below the threshold for classification as

	sensitising. Nevertheless individuals already sensitised to these compounds may experience an allergic reaction.
(e) germ cell mutagenicity	Contains no known mutagens above thresholds of concern.
(f) carcinogenicity	Contains no known carcinogens above thresholds of concern.
(g) reproductive toxicity	Contains no known reproductive toxins above thresholds of concern.
(h) STOT-single exposure	Not expected to have any target organ effects.
(i) STOT-repeated exposure	Not expected to have any target organ effects.
(j) aspiration hazard	Not expected to present an aspiration hazard.

SECTION 12: Ecological Information

12.1 Toxicity

This product contains components which could be harmful to the environment if they enter streams and watercourses in large quantities. However, the amount of these components present in each wipe is very small and is not expected to result in any significant problems.

12.2 Persistence and degradability

Some of the components in this product may degrade only slowly. The surfactants in the product comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. The tissue component is expected to biodegrade in the environment.

12.3 Bioaccumulative potential

None of the components are expected to present a bioaccumulation hazard.

12.4 Mobility in soil

All of the components in the liquid added to the wipes are soluble in water.

12.5 Results of PBT and vPvB assessment

None of the components are considered to be PBT or vPvB.

12.6 Other adverse effects

None known

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Waste wipes and packaging should be disposed of in accordance with local regulations. For large quantities of product, incineration may be suitable.

SECTION 14: Transport Information

This product is not considered to be dangerous goods.

SECTION 15: Regulatory Information

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

All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:

This is the first SDS prepared in accordance with the format described in Regulation (EC) No. 453/2010.

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008

DSD Dangerous Substances Directive 67/548/EEC
DPD Dangerous Preparations Directive 1999/45/EC
EC European Community/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References:

CLP Regulation 1272/2008
Suppliers SDS

Method used for classification of mixtures:

Ingredient based approaches

R Phrases and H Statements used in Section 3

R10 Flammable
R20/22 Harmful by inhalation and in contact with skin
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns
R37/38 Irritating to respiratory system and skin
R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

H226 Flammable liquid and vapour
H301 Toxic if swallowed
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H311 Toxic in contact with skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H331 Toxic if inhaled
H332 Harmful if inhaled
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

Training requirements for workers

No special training requirements.