



Safety Data Sheet

Prepared in accordance with Appendix II of the REACH Regulation EC 1907/2006, Regulation (EC) 1272/2008 (CLP) and Regulation (EC) 453/2010.

1. Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier:

Product name: Wave 2.0 urinal screen

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Used for deodorizing and filtering purpose. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

1.3. Details of the supplier of the safety data sheet:

.Manufacturer/Supplier: MANNINGHAM CORPORATION

Tel:1300634600 Fax:(03)42067052

.Further information obtainable from:MANNINGHAM CORPORATION

.Information in case of emergency: MANNINGHAM CORPORATION

Contact: Mr.Tom Skotnica

Mob:0425764127

1.4 Emergency telephone number:

Emergency telephone number: +86-1300634600 (24 hours)

Intended use: Deodorizing and filtering material used in toilets.

Further information:

Information Department: Technical Services Department

2. Hazards identification

2.1. Classification of the substance or mixture:

Main hazards: No significant hazards.

2.2. Label elements

This product is not classified as a dangerous preparation according to Regulation (EC) No 1272/2008(CLP/GHS)

.Hazard Pictograms: Not applicable

.Signal Word: Not applicable

.Hazard Statements: Not applicable

.Precautionary Statements:

No relevant classification for this product.

.Response Precautionary Statements:

No relevant classification for this product.

.Storage precautionary statements :

No relevant classification for this product.

.Disposal precautionary statements :

No relevant classification for this product.



2.3 Other hazards: not found.

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (✓)

Ingredients/Components		CAS No.	EC No.	EC No. 1272/2008 Classification	67/548/EC Classification	% by weight	
EVA Ethylene vinyl acetate (EVA)		9002-86-2	Not available	Not applicable	Not applicable	69.5%	
Fragrance (Lemon Scent)	Orange oil	8008-57-9	Not available	Not applicable	Not applicable	3-15	30%
	Linalool	78-70-6	201-134-4	Not applicable	Not applicable	0.3-2.1	
	Decanal	112-31-2	203-957-4	Not applicable	Not applicable	0.3-1.5	
	Citronellol	106-22-9	203-375-0	Not applicable	Not applicable	0.3-1.5	
	Alpha-Terpi neol	10482-56-1	Not available	Not applicable	Not applicable	0.03-0.6	
	Citral	5392-40-5	226-394-6	Skin irrit.2, Skin sens. 1 H315, H317	R: 38-43, S: (2-)24/25-37	0.03-0.6	
Pigment		Not available	Not available	Not available	Not available	0.5%	

Note: As for the fragrance, some of the ingredients are kept as trade secret which are not hazardous ones.

4. First aid measures

4.1. Description of first aid measures:

.In the event of splashes or contact with eyes: No special measures as there is no hazard for normal contact.

.In the event of splashes or contact with skin: No special measures as there is no hazard for skin contact.

.In the event of exposure by inhalation: No special measures as there is no hazard for normal contact.

.In the event of swallowing: No special measures for swallowing as it is almost impossible to swallow this product due to its size. For accident swallowing of small pieces of this product, do not induce vomiting without professional instruction. Get medical attention if necessary.

4.2. Most important symptoms/effects, acute and delayed: Not found.

4.3. Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

5. Fire-fighting measures

5.1. Extinguishing Media: This product is not flammable, as for a fire caused by surrounding ignition sources, choose proper extinguishers according to fire types. Seek advice from local fire-fighting authority.

Unsuitable Extinguishing Media: Discharging cylinder shape water from fire hose may lead to spread fire to the



surroundings.

5.2. Special hazards arising from the substance or mixture: Not found.

5.3. Advice for firefighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Due to the nature of this product, there is no special measure for collection.

Sweep up with care to avoid generating dust. Collect it into a proper container for disposal.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handling:

Do not breathe dust or fume that may be evolved during processing.

Workers must wear proper protective equipment and must operate strictly according to relative rules.

7.2. Conditions for safe storage, including any in compatibilities: Store it in a well-ventilated, cool and dry store room.

Avoid long-time direct contact of sunlight. The storeroom should be equipped with proper facilities for accidental fire.

7.3. Specific end use(s): Used for deodorizing and filtering purpose.

8. Exposure controls/personal protection

8.1. Control parameters: No data available.

8.2. Exposure controls:

If user operations generate dust or fume, use ventilation to keep exposure to airborne contaminants in a proper range.

8.2.1. Individual protection measures:

.Protection of Hands:

Recommend wearing protective gloves for industrial hygienic purpose.



.Protection of Eyes:

No special requirements under normal conditions. Wear safety glasses when working in a dusty environment.



.Respiratory Protection: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.

.Protection of Body:

Recommend wearing general working clothing.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.



9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information	
Form	Solid
Colour	Yellow
Odour	Fragrant
Ph Value	Not applicable
Boiling Range	Not applicable
Melting point/Melting range	Not available
Flash point	Not applicable
Flammable/Explosive Limits-Lower Vol %	Not applicable
Flammable/Explosive Limits-Upper Vol %	Not applicable
Relative Density	Not available
Relative Vapour density	Not applicable
Vapour pressure	Not applicable
Solubility in/Miscibility with Water	Insoluble in water
n-octanol/Water Partition Coefficient	Not applicable
Self-igniting Temperature	Not applicable
Decomposition Temperature	Not available
Odour Threshold Value	Not available
Evaporation Rate	Not applicable
Flammability (solid, gas, etc.)	This product is not classified as flammable solid
Viscosity	Not applicable

9.2. Other information: Not available.

10. Stability and reactivity

10.1. Reactivity: No information available.

10.2. Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions: Not found.

10.4. Conditions to avoid: Long time exposure to direct sunlight or rain.

10.5. Incompatible materials: No special requirement for this product.

10.6. Hazardous decomposition products: It may release carbon oxides and hazardous fume from thermal decomposition at extremely high temperature.



11. Toxicological information

11.1. Information on toxicological effects: The toxicity data of this product has not been determined by testing or research, but to our best knowledge and reference, this product is not toxic. The toxicity data shown below is for reference only.

Ingredient (s)	CAS number	LD 50/LC 50 (Median lethal dose)
Linalool	78-70-6	Acute toxicity (Oral) LD50: 3,000mg/kg (rat) Acute toxicity (Dermal) LD50: 3,000mg/kg (rabbit) Data source: OECD Screening Information Data Set

.Serious eye damage/eye irritation: No classification for this product.

.Skin corrosion/irritation: No classification for this product.

.Respiratory /Skin sensitizer: No classification for this product.

.Germ cell mutagenicity: No classification for this product.

.Carcinogenicity: No classification for this product.

.Reproductive Toxicity: No classification for this product.

.STOT-single exposure: No classification for this product.

.STOT-repeated exposure: No classification for this product.

.Aspiration hazard: No classification for this product.

.Effects on or via lactation: No classification for this product.

12. Ecological information

12.1. Toxicity: No data available.

12.2. Persistence and Degradability: This product is biodegradable.

12.3. Bioaccumulative Potential: No information available.

12.4. Mobility in Soil: As it is solid, it can hardly move in soil.

12.5. Results of PBT and vPvB Assessment: No information available.

12.6. Other adverse effects: Not found.

13. Disposal considerations

13.1. Waste treatment methods:

Do Not allow it to enter sewage system.

Do Not allow it to enter any water cause or soil.

When no longer needed, this article may be disposed of as permitted by local waster handling authority.

Recommend adopting incineration method for waste disposal.



14. Transport Information

ADR-ADN and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

14.1. UN number: Not applicable

14.2. UN proper shipping name: Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group: Not applicable

14.5. Environmental hazards: Not applicable

14.6. Special precautions for user:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

15. Regulatory information

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

.Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

.REACH Regulation Annex XVII Regulation List: Not listed.

.REACH Regulation Annex XIV Authorization List: Not listed.

.Germany – WGK: Not classified.

15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Other relevant regulations:

.Sara:

.Section 355 (extremely hazardous substances): Not listed.

.SARA 313: This product does not contain SARA 313 Toxic Release Chemicals.

.Toxic Substances Control Act (TSCA): None of the ingredients are listed in the TSCA inventory list.

.Clean Water Act:

None of the ingredients are listed as Hazardous Substances under the CWA.

None of the ingredients are listed as Priority Pollutants under the CWA.

.Carcinogenicity categories: No classification for this product.



16. Other information

DISCLAIMER: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

References:

EC No.1907/2006 (REACH)
EC No. 1272/2008 (CLP)
EC No. 453/2010

Full description of some acronyms:

CAS-Chemical Abstracts Service
EINECS-European Inventory of Existing Commercial Chemical Substances
IMO-International Maritime Organization
IMDG-International Maritime Dangerous Goods
IATA-International Air Transport Association
ICAO-International Civil Aviation Organization
TSCA-Toxic Substance Control Act
OSHA-Occupational Safety and Health Administration
ACGIH- American Conference of Governmental Industrial Hygienists

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*****The End*****