

## **SAFETY DATA SHEET TROUGH URINAL SCREEN - MANGO**

Date Issued: 16/03/2017

### **SECTION 1: IDENTIFICATION OF THE PREPARATION AND THE COMPANY**

**PRODUCT NAME:** Trough Urinal Screen (Mango)

**RECOMMENDED USE:** Deodorizer. For professional use only.

**RESTRICTIONS ON USE:** For intended use only

**SUPPLIER OF SAFETY DATA SHEET:**

**Jangro Ltd  
Jangro House  
Worsley Road  
Farnworth  
Bolton BL4 9LU  
Tel: 01204 795 955 (9am - 5pm)  
Emergency Tel: 0845 4647 (out of hours)**

### **Section 2: HAZARDS IDENTIFICATION**

**General:** Contains small amounts of chemicals that are hazardous to health and the environment but in quantities too small to constitute any practical risks to health or the environment.

Combustible material.

#### **2.1. Classification of the substance or mixture**

**Classification**

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 3 - H412

#### **2.2. Label elements**

**Pictogram**



**Signal word:** WARNING

**Pictograms:** Exclamation mark

**Hazard Statements:**

H317 : May cause an allergic skin reaction.

H319 : Causes serious eye irritation.

H412 : Harmful to aquatic life with long lasting effects

**Precaution Statements:**

P273: Avoid release to the environment

P280: Wear protective gloves/protection clothing/eye protection/face protection

P302 + P352: IF ON SKIN: Wash with plenty of water  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333 + P313: If skin irritation or rash occurs: Get medical advice/attention  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P501: Dispose of contents/ container in accordance with national regulations.

Contains 2-benzylideneheptanal, Ethyl 2,3-epoxy-3-phenylbutyrate, Eugenol, CITRAL, 2H-1-BENZOPYRAN-2-ONE, 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)but-3-en-2-one, 2,4-Dimethylcyclohex-3-ene-1-carboxaldehyde

Labelling According to EU Guidelines

Xi: Irritant

**SECTION 3: INGREDIENT INFORMATION**

Chemical Identification: Solid plastic slow-release deodorizing preparation in the form of a urinal air freshener/deodorizer. It is made from pigmented thermoplastic impregnated with a fragrance composition and color to represent the fragrance. For institutional use only.

Form/Shape: Urinal screen weighs approximately 105g.

CAS Number: Not applicable since the product is a preparation.

EINECS/ELINCS #: Not applicable since the product is a preparation.

The product is a complex mixture of substances of which the following have been classified as presenting a health or environmental hazard or as having an occupational exposure limit within the meaning of the Directive 67/548/EEC or 1999/45/EC

Level (%)	CAS Nr	EC Nr	Substance	Hazard Classification	
				(Dir. 67/548/CE)	(Reg. CE 1272/2008)
60-80%	24937-78-8		ETHYLENE-VINYL ACETATE COPOLYMER		
<.1%	N/A	N/a	Bacteria		
<6%	5413-60-5	226-501-6	3a,4,5,6,7,7a-Hexahydro-4,7-methanoinden-6-yl acetate	R52/53	H412 Aquatic Chronic 3
<3.5%	104-67-6	203-225-4	Undecan-4-olide	R52/53	H412 Aquatic Chronic 3
<3.5%	17511-60-3	241-514-7	3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-6-yl propionate	R36 Xi R51/53 N	H319 Eye Irrit. 2 H411 Aquatic Chronic 2
<3.5%	151-05-3	205-781-3	1,1-Dimethyl-2-phenylethyl acetate	R52/53	H412 Aquatic Chronic 3
<3.5%	120-51-4	204-402-9	BENZYL BENZOATE	R22 Xn R51/53 N	H302 Acute Tox. 4 H411 Aquatic Chronic 2
<3.5%	10094-34-5	233-221-8	alpha,alpha-Dimethylphenethyl butyrate	R51/53 N	H411 Aquatic Chronic 2
<3.5%	106-27-4	203-380-8	3-Methylbutyl butyrate	R52/53	H226 Flam Liq. 3 H412 Aquatic Chronic 3

<3.5%	88-41-5	201-828-7	2-tert-Butylcyclohexyl acetate	R51/53	N	H411	Aquatic Chronic 2
<3.5%	122-99-6	204-589-7	2-PHENOXYETHANOL	R22 R36	Xn Xi	H319 H302	Eye Irrit. 2 Acute Tox. 4
<3.5%	122-40-7	204-541-5	2-benzylideneheptanal			H317 H411	Skin Sens. 1 Aquatic Chronic 2
<3.5%	77-83-8	201-061-8	Ethyl 2,3-epoxy-3-phenylbutyrate	R43 R51/53	N	H317 H411	Skin Sens. 1B Aquatic Chronic 2
<3.5%	97-53-0	202-589-1	Eugenol	R36 R43	Xi	H319 H317	Eye Irrit. 2 Skin Sens. 1B
<3.5%	8000-41-7	232-268-1	TERPINEOL	R36/38	Xi	H315 H319	Skin Irrit. 2 Eye Irrit. 2
<0.35%	5392-40-5	226-394-6	CITRAL	R38 R43	Xi	H315 H317	Skin Irrit. 2 Skin Sens. 1
<0.35%	91-64-5	202-086-7	2H-1-BENZOPYRAN-2-ONE			H302 H317	Acute Tox. 4 Skin Sens. 1
<0.53%	127-51-5	204-846-3	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)but-3-en-2-one	R36/38 R52/53 R43	Xi N	H315 H319 H317 H411	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1B Aquatic Chronic 2
<0.35%	68039-49-6	268-264-1	2,4-Dimethylcyclohex-3-ene-1-carboxaldehyde	R36/38 R43 R52/53	Xi	H315 H319 H317 H412	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 3

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.  
 Composition comments To the best of our knowledge this product is not covered by REACH

#### **SECTION 4: FIRST AID MEASURES**

##### **4.1. Description of first aid measures**

**General information** When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.

**Inhalation** Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

**Ingestion** Do not induce vomiting. Place unconscious person on the side in the recovery position and ensure breathing can take place. Rinse mouth thoroughly with water. Get medical attention.

**Skin contact** Remove contaminated clothing that is not stuck to the skin. Flush area with clean water. Get medical attention if any discomfort continues.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

##### **4.2. Most important symptoms and effects, both acute and delayed**

**General information** Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.

**Inhalation** No acute effects expected.

**Ingestion** Unlikely route of exposure without deliberate abuse. May cause irritation/discomfort to mucous membranes.

**Skin contact** May cause sensitising or allergic reaction.

**Eye contact** May cause irritation to the eyes.

**4.3. Indication of any immediate medical attention and special treatment needed**

Notes for the doctor Rinse well with water. May produce an allergic skin reaction  
Treat symptomatically

**SECTION 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**

Specific hazards The product is non-combustible. If heated, irritating vapours may be formed.

**5.3. Advice for firefighters****Protective actions during firefighting**

Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet

**6.2. Environmental precautions**

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body  
Avoid or minimise the creation of any environmental contamination.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up Collect and place in suitable labelled containers and seal securely.

**6.4. Reference to other sections**

Reference to other sections See sections 8,12 & 13

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Usage precautions Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage precautions Keep container tightly closed. Keep only in the original container.  
Store in a demarcated bunded area to prevent release to drains and/or watercourses.

**7.3. Specific end use(s)**

Specific end use(s) Urinal Screen Deodorizer

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

Ingredient comments: Where an exposure level is quoted, a risk assessment should consider if there is a need to if there is a need to monitor the atmosphere of the working environment.  
Results should be compared against the WEL and/or DNEL information provided.



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DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006), and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

DNEL Professional - Inhalation; Long term systemic effects: 8.07 mg/m<sup>3</sup>

Professional - Inhalation; Long term local effects: 8.07 mg/m<sup>3</sup>

PNEC - Fresh water; 0.943 mg/l

- Marine water; 0.0943 mg/l
- Intermittent release; 3.44 mg/l
- Sediment (Freshwater); 7.24 mg/kg
- Sediment (Marine water); 0.724 mg/kg
- Soil; 1.26 mg/kg
- STP; 24.8 mg/l

Protective equipment:



Personal protection The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this products life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.

Eye/face protection The following protection should be worn: Refer to EN Standard 166 to select appropriate level of protection. Chemical splash goggles.

Hand protection Rubber (natural, latex). Polyvinyl chloride (PVC). Refer to Standard EN 374. Neoprene.

Hand Protection: Nitrile gloves, 0.2mm, breakthrough time >240 minutes

Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

Hygiene measures Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse.

Provide eyewash station and safety shower.

Respiratory protection Not normally required.

Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.

General Health and Safety Measures.

A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals.



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#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

##### **9.1. Information on basic physical and chemical properties**

Appearance Thermoplastic urinal screen infused with fragrance oil.

Colour Orange.

Odour Mango

Odour threshold Not applicable.

pH Not applicable.

Melting point Not applicable.

Initial boiling point and range Not applicable.

Flash point Not applicable.

Evaporation rate Not applicable.

Evaporation factor Not applicable.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits Not applicable

Other flammability Not applicable.

Vapour pressure Not applicable.

Vapour density Not applicable.

Relative density Not applicable.

Bulk density Not applicable.

Solubility(ies) Soluble in water.

Partition coefficient Not applicable.

Auto-ignition temperature Not applicable.

Decomposition Temperature Not applicable.

Viscosity Not determined.

Explosive properties Not applicable.

Explosive under the influence of a flame Not considered to be explosive

Oxidising properties Not applicable. Contains no Oxidising Components.

##### **9.2. Other information**

Refractive index Not applicable.

Particle size Not applicable.

Molecular weight Not applicable.

Volatility Not applicable.

Saturation concentration Not applicable.

Critical temperature Not applicable.

Volatile organic compound Not applicable.

Explosive Properties Not Classified as Explosive

Skin sensitisation

Skin sensitisation: May cause sensitisation by skin contact.

Carcinogenicity

Carcinogenicity: The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing fetus.

General information See section 4.2.

Inhalation The product is considered to be a low hazard under normal conditions of use.

Ingestion May cause irritation to mouth, throat and GI tract.

Skin contact The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact Irritating to eyes.

#### **SECTION 10: STABILITY AND REACTIVITY**

Stability: Normally stable.

Conditions to avoid: Avoid extreme heat and naked flames.

Materials to avoid: Strong oxidizing agents.

Decomposition Products: None under normal storage conditions.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

Acute Effects: Ingredients include a small quantity of volatile fragrance chemicals which may contain small amount of substances that are harmful if swallowed and/or irritating to the eyes and skin.

Chronic Effects: None are known.

Health Risks:

INHALATION: Prolonged exposure to volatile ingredients is unlikely to cause irritation or other adverse health effects.

INGESTION: No practical risk of adverse health effects.

SKIN CONTACT: No practical risk of adverse health effects.

EYE CONTACT: No practical risk of adverse health effects.

#### **SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity Harmful to aquatic life with long lasting effects.

##### **12.1. Toxicity**

Toxicity Normal use is not expected to pose an ecological risk.

##### **12.2. Persistence and degradability**

Persistence and degradability The liquid components of this product are expected to Biodegrade in normal use.

##### **12.3. Bioaccumulative potential**

Bioaccumulative potential Not expected to bioaccumulate.

Partition coefficient Not applicable.

##### **12.4. Mobility in soil**

Mobility The product contains substances which are water soluble and may spread in water systems.

##### **12.5. Results of PBT and vPvB assessment**

###### **Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

##### **12.6. Other adverse effects**

Other adverse effects Not determined.

#### **SECTION 13: Disposal considerations**

##### **13.1. Waste treatment methods**

General information When handling waste, the safety precautions applying to handling of the product should be considered. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection



and waste disposal legislation and any local authority requirements. Do not mix with other chemicals  
Disposal methods Small volumes of use solution can be disposed of to sewers.

## **SECTION 14: TRANSPORT INFORMATION**

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant  
No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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

## **SECTION 15: REGULATORY INFORMATION**

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

EU legislation European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

Abbreviations and acronyms used in the safety data sheet

(EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.

NPIS - National Poisons Information Service.

vPvB - Very Persistent, Very bioaccumulative.

PBT - Persistent, Bioaccumulative & Toxic.

REACH - Registration, Evaluation, Authorisation & restriction of Chemicals (Regulation EC 1907/2006).





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DNEL - Derived No Effect Limit.

PNEC - Predicted No Effect Concentration.

COSHH - Control of Substances Hazardous to Health.

Industry - Refers in section 8 to application of the substance in an industrial process.

Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.

General information This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section

2. Revision comments This is first issue.

Revision date 12/08/2015

SDS number 22983

Hazard statements in full

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

REACH extended SDS comments

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios.

Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials 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, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use