

**1. Identification of the substance/mixture and of the company/undertaking****Product identifier:**

**Trade name** EcOdust

**Manufacturer or supplier's details:**

Name: ARC Innovations (PTY)LTD

Address: 82 Bonnyvale road, Norton Home Estates  
Benoni, 1501

In case of an emergency contact either Cyril Attwell (0784563833) or Umar Kadwa (0844560011)

**2. Hazards Identification**

- Classification of the substance or mixture:**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8). This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

- Label elements:**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

No labelling requirements for this mixture.

- Other hazards:**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>. The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

### 3. Composition/Information on ingredients \*Exact percentages are trade secret

- **Mixtures**

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

### 4. First Aid Measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

- **Description of first aid measures In the event of swallowing:**

Seek medical attention, showing the label.

- **Most important symptoms and effects, both acute and delayed:**

No data available.

- **Indication of any immediate medical attention and special treatment needed:**

No data available.

### 5. Fire Fighting Measures

Non-flammable.

- **Extinguishing media**

No data available.

- **Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

- **Advice for firefighters**

No data available.

### 6. Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

- **For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

- **Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

- **Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

- **Reference to other sections**

No data available.

## 7. Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

- **Precautions for safe handling**

Always wash hands after handling.

**Fire prevention:**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures:**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures:**

No smoking, eating or drinking in areas where the mixture is used.

- **Conditions for safe storage, including any incompatibilities**

No data available.

**Packaging**

Always keep in packaging made of an identical material to the original.

- **Specific end use(s)**

No data available.

## 8. Exposure Controls/Personal Protection

- **Control parameters**

No data available.

- **Exposure controls**

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - **Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes.

Before handling, wear safety goggles in accordance with standard EN166.

#### - **Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended:

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

#### - **Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## 9. Physical & Chemical Properties

- Information on basic physical and chemical properties

### General information:

Physical state:	Fluid liquid.
Odour:	Characteristic

### Important health, safety and environmental information

pH:	4.50
	Slightly acidic.
Boiling point/boiling range:	Not relevant.
Flash point interval:	Not relevant.
Vapour pressure (50°C):	Not relevant.
Density:	> 1
Water solubility:	Soluble.
Melting point/melting range:	Not relevant.
Self-ignition temperature:	Not relevant.
Decomposition point/decomposition range:	Not relevant.

- Other information

No data available.

## 10. Stability and Reactivity

- Reactivity

No data available.

- Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

- Possibility of hazardous reactions

No data available.

- Conditions to avoid

Avoid:  
- frost

- Incompatible materials

No data available.

- **Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

## 11. Toxicological Information:

- **Information on toxicological effects**

No data available.

- **Substances**

No toxicological data available for the substances.

- **Mixture**

No toxicological data available for the mixture.

## 12. Ecological Information

- **Toxicity**

- **Mixtures**

No aquatic toxicity data available for the mixture.

- **Persistence and degradability**

No data available.

- **Bioaccumulative potential**

No data available.

- **Mobility in soil**

No data available.

- **Results of PBT and vPvB assessment**

No data available.

- **Other adverse effects**

No data available.

## 13. Disposal Considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

- **Waste treatment methods**

Do not pour into drains or waterways.

- Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

- Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### 14. Transport Information

Exempt from transport classification and labelling.

- UN number
- 
- UN proper shipping name
- 
- Transport hazard class(es)
- 
- Packing group
- 
- Environmental hazards
- 
- Special precautions for user
- 

#### 15. Regulatory Information:

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

- **Container information:**  
No data available.
- **Particular provisions :**  
No data available.
- **Chemical safety assessment**  
No data available.

## 16. Other Information:

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

### Abbreviations:

ADR:	European agreement concerning the international carriage of dangerous goods by Road.
IMDG:	International Maritime Dangerous Goods.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organisation
RID:	Regulations concerning the International carriage of Dangerous goods by rail.
WGK:	Wassergefährdungsklasse (Water Hazard Class).
PBT:	Persistent, bioaccumulable and toxic. vPvB : Very persistent, very bioaccumulable.
SVHC:	Substances of very high concern.

SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THERE OF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY ARC INNOVATIONS (PTY) LTD., EXCEPT THAT THE PRODUCT SHALL CONFORM TO CONTRACTED SPECIFICATIONS.