

# Product Safety Data Sheet

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product name:** 'Longlife' Cleanrun  
**MAFF No:** 07870

**Company:** Miracle Professional  
 Salisbury House  
 Weyside Park  
 Catteshall Lane  
 Godalming  
 Surrey GU7 1XE

**Phone number:** 01483 410210  
**Emergency phone:** 01865 407333

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

A selective herbicide with fertilizer. A granular formulation containing N P K, (9:7:7) with 2,4-D and mecoprop.

Hazardous ingredient(s)	CAS No.	% (w/w)	Symbol	R Phrases
Salts and esters of 2,4-D	-	0.26	Xn	R20/21/22
Salts of mecoprop	-	0.55	Xn	R20/21/22

## 3. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use.

## 4. FIRST-AID MEASURES

**Inhalation** Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

**Skin Contact** Take off contaminated clothing. Wash skin with soap and water. Contaminated clothing should be laundered before re-use.

**Eye Contact** Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical attention if irritation persists.

**Ingestion** If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible.  
*Do not induce vomiting.*

**Medical Advice:** Symptomatic treatment and supportive therapy as indicated.

## 5. FIRE-FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

### Extinguishing media

**Small fires:** use foam, carbon dioxide or dry powder extinguishant.  
**Large fires:** use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

### Protective Equipment:

Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Ensure suitable personal protection during removal of spillages. This means wearing face protection against toxic dusts, eye protection, chemically resistant gloves, boots and coveralls.

**Clean up methods:** Cover spillage with moist sand, soil or sawdust. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

Spillages or uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.

## 7. HANDLING AND STORAGE

### 7.1 Handling

Read the label before use.

Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

### 7.2 Storage

Keep in original container, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.

**Storage Life:** Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures and in dry conditions

<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>					
<b>Personal protection:</b> When using this product refer to the label for details.					
<b>Occupational Exposure Limits:</b> Not applicable to field use.					
		<b>LTEL 8hr TWA</b>		<b>STEL</b>	<b>Time</b>
<b>Hazardous ingredient(s)</b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>min</b>
2,4-dichlorophenoxy acetic acid	10			20	OES
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>					
Form:	granules	Colour:		dark grey	
Odour:	not available	pH (Value)		not available	
Boiling point (°C):	not applicable	Melting point (°C):		not available	
Auto Ignition Temp (°C):	not available	Flash Point (°C):		not available	
Explosive Properties:	not applicable	Oxidising Properties:		not applicable	
Vapour Pressure (mm Hg):	not available	Solubility (Water):		soluble	
Partition Coefficient:	not available	Bulk Density (g/ml):		0.95	
Flammable Limits:	not available				
<b>10. STABILITY AND REACTIVITY</b>					
<b>Hazardous Reactions:</b>	Granules are coated with a small amount of oil and talc to prevent caking. Fertilizers can be mildly corrosive if left in contact with ferrous metal.				
<b>Hazardous Decomposition Product(s):</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours.				
<b>11. TOXICOLOGICAL INFORMATION</b>					
<b>Inhalation:</b>	Unlikely to cause harmful effects under normal conditions of handling and use.				
<b>Skin Contact:</b>	Unlikely to cause skin irritation. Unlikely to cause skin sensitisation.				
<b>Eye Contact:</b>	Unlikely to cause eye irritation.				
<b>Ingestion:</b>	Low oral toxicity. Oral Median Lethal Dose (>5000 mg/kg rat)				
<b>Long term exposure:</b>	No long term risks to man are associated with the normal handling and use of this material.				
<b>12. ECOLOGICAL INFORMATION</b>					
<b>Toxicity:</b>	Large quantities in water may upset ecological balance. May be harmful to fish and other aquatic organisms in large quantities.				
<b>13. DISPOSAL CONSIDERATIONS</b>					
Empty containers should not be used for other purposes. Do not contaminate ponds, waterways or ditches with chemical or used containers. Dispose of product and empty containers according to the 'Code of Practice for the Use of Approved Pesticides in Amenity and Industrial Areas (NAAC/NTC). Disposal should be in accordance with local or national legislation.					
<b>14. TRANSPORT INFORMATION</b>					
Not classified as Dangerous for Transport.					
<b>15. REGULATORY INFORMATION</b>					
<b>Classification:</b>	Not classified as Dangerous for Supply/Use.				
<b>Safety Phrases</b>	SO53	Do not reuse container. keep tightly closed in a safe place.			
	SO54	See instructions for use supplied separately.			
	DO1	Wash substances from skin or eyes immediately.			
This product has been labelled in accordance with the Control of Pesticides Regulations, 1986. Users should ensure that they comply with any relevant local or national legislation.					
<b>16. OTHER INFORMATION</b>					
This product was previously marketed by Zeneca (MAFF 06857 and 06914) and by ICI (MAFF 04759). Product packed in 25 kg polyethylene sacks. This data sheet was prepared in accordance with Directives 91/155/EEC and 93/112/EC. Use: For use as a weed and feed treatment on amenity turf. 'Longlife' and 'Cleanrun' are trade marks of Miracle Garden Care Limited.					
The information on this sheet is not a specification, it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.					