

Version 1.2

Orica Woodcare

ABN 99 004 117 828

1330 Ferntree Gully Rd, SCORESBY VIC 3179

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**MATERIAL SAFETY DATA SHEET****Toby Wet Edge Extender****Statement of Hazardous Nature**

This substance is hazardous according to the criteria of WorkSafe Australia  
*All ingredients are listed on the AICS*

**IDENTIFICATION**

<b>Use:</b> Additive to slow solvent evaporation	<b>UN Number:</b> 1172
	<b>Class:</b> 3
<b>Correct Shipping Name:</b> Ethylene Glycol Monethyl Ether Acetate	<b>Subsidiary Risk:</b> n.all.
	<b>Hazchem:</b> 2 [S]
	<b>Packing Group:</b> III
<b>Appropriate EPG</b> 3 A 1	<b>SUSDP Schedule:</b> 6

**DESCRIPTION/PROPERTIES:**

<b>Appearance:</b> Yellowish liquid	<b>Odour:</b> Fruity solvent odour
<b>Percent Volatiles:</b> 80 %	<b>Specific Gravity:</b> 0.975
<b>Boiling Point:</b> 156° C	<b>Melting Point:</b> n.d.
<b>Flash Point:</b> 52° C	<b>Flammability Limits:</b> 1.7 % to 12.7 %
<b>Vapour Pressure:</b> 2 mm Hg	<b>Solubility in water :</b> approx. 30%

**Other Properties:** Incompatible with oxidising substances

<b>INGREDIENTS:</b>	<b>Proportion</b>	<b>CAS No</b>
Ethyl glycol acetate	> 60 %	111-15-9
Low molecular weight ketone	< 5 %	n.a
Ingredients determined to be non-hazardous	to 100 %	n.a.

**Abbreviations:** n.a = not applicable, n.d = not determined, n.all. = not allocated

Prepared by SSC Pty Ltd Brisbane 07 3821 0176

**HEALTH HAZARD INFORMATION****HEALTH EFFECTS****Acute****SWALLOWED**

May cause irritation of mouth and upper digestive tract. Ingestion of small amounts may cause CNS effects – headaches, dizziness, nausea and abdominal pains. Swallowing large amounts will lead to unconsciousness.

**EYE**

Will cause severe irritation in contact with liquid. Vapour pressure suggests that vapours will not contribute significantly to eye irritation.

**SKIN**

Liquid may cause some irritation to sensitive individuals. May be absorbed through intact skin with potentially toxic effects.

**INHALED**

Similar effects to ingestion with addition of respiratory tract irritation. but low vapour pressure suggests this effect is unlikely in normal circumstances.

**CHRONIC**

Long term exposure of the skin may lead to irritation, cracking and dermatitis. Chronic exposure by any route may damage liver, kidneys, white blood cells and testes.

**FIRST AID**

*Note: If ANY adverse reaction occurs transport IMMEDIATELY to hospital or doctor.*

**SWALLOWED**

Do not induce vomiting. Rinse mouth clear with water and give two glasses to drink. If symptoms persist seek prompt medical help.

**EYE**

Immediately: Flush eyes with clean water for 15 minutes. Gently lift upper and lower eyelids away from eyes and flush carefully. If symptoms persist seek prompt medical assistance.

**SKIN**

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical assistance.

**INHALED**

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

**FIRST AID FACILITIES**

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

**ADVICE TO DOCTOR:**

Provide supportive care and treatment based on the patient's reaction to the exposure. Emesis is contraindicated due to possible pulmonary disorders arising from aspiration. For further information contact the :

**POISONS INFORMATION CENTRE 13 11 26 in all States**

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**PRECAUTIONS FOR USE****EXPOSURE STANDARDS** (WorkSafe Australia Exposure Standards May 1995)

WorkSafe Australia has established exposure standards for one component but not for the finished product.

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Ethyl glycol acetate (Sk)	5 ppm	n.all.

**ENGINEERING CONTROLS**

Provide intrinsically safe ventilation equipment capable of maintaining the workplace air standard below the exposure standards set. Note flammable nature of product. In the home: Ensure that all windows are open in the room in which the product is to be applied. Ensure no smoking or other sources of ignition are present during application.

**PERSONAL PROTECTION****Respiratory Protection**

Not usually required. If exposure standards may be exceeded use respirator fitted with an organic vapour filter to AS 1715 & 1716. Use SCBA or air-supplied respirator in confined spaces.

**Eye Protection**

Use goggles to AS 1337 when mixing or decanting.

**Gloves**

When mixing or decanting wear rubber, PVA or neoprene gloves to AS 2161.

**Clothing**

Wear Tyvec or cotton overalls fastened at the neck and wrist.

**Industrial Hygiene**

Follow normal industrial / chemical hygiene practices.

**FLAMMABILITY:**

Product is flammable with a flash point of 52° C and a range of 1.2 to 12.7 % in air. Vapours are heavier than air and may "pool" in low-lying areas or travel to a source of ignition and flash back to point of origin. Vapour may form an explosive atmosphere in air, especially in confined spaces with poor ventilation.

**SAFE HANDLING INFORMATION****STORAGE AND TRANSPORT**

Industrial users: Store as Class 3 Flammable Liquid PG III in accordance with AS 1940-93 and local regulations. Keep away from Class 5 substances.

In the home: Store in a cool area away from sources of ignition and products displaying the yellow Class 5 label such as pool chlorine. Store in a well ventilated area.

Transport as UN 1172 Class 3 PG III in accordance with the ADG Code, the IMDG Code or the IATA DG Regulations as appropriate to mode of transport.

**SPILLS AND DISPOSAL**

Prevent material entering drains or water ways. Switch off or remove all potential ignition sources. Spread sand, soil or other inert absorbent over pool. Shovel saturated absorbent into plastic pails or drums. Seal lids, label and place in a safe area to await disposal. Wear full protective clothing including respirator during clean up. Thoroughly ventilate work area before re-entry.

Disposal must be in accordance with local regulations for hazardous wastes.

**FIRE/EXPLOSION HAZARD**

Liquid and vapour flammable. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers. Vapour may form an explosive atmosphere in air, especially in confined spaces with poor ventilation.

**DANGEROUS DECOMPOSITION PRODUCTS:**

When thermally decomposing emits toxic fumes of CO<sub>x</sub>, NO<sub>x</sub> and trace amounts of ketones.

**SPECIAL FIRE FIGHTING RECOMMENDATIONS**

Keep uninvolved containers cool with water spray. Contain run-off waters for later collection and controlled disposal. Note that vapours may form an explosive mixture in air.

**EXTINGUISHING MEDIA**

Foam or dry agents.

**PRECAUTIONS**

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

**OTHER INFORMATION**

Risk and Safety Phrases: R (10), R 21, R 22, R 36/38, R 66. S (2), S 21, S 24/25, S 26, S 28, S 38, S 36/37/39.

**ENVIRONMENTAL FATE**

The solvent in this product will biodegrade rapidly with a half-life of between 2 to 5 days in aerobic systems and somewhat longer in anaerobic systems. Not expected to bioaccumulate, biomagnify or bioconcentrate. May be harmful to aquatic organisms.

**CONTACT POINTS:**

**Technical enquiries (During normal working hours): 1800 073 530**

**Emergencies (Spills and Accidents 24 hrs): 1800 033 111**

**Poisons Information Centre : 13 11 26.**

**Disclaimer**

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