contaminated clothing and wash with soap and water before re-using. Chemically resistant aprons can be worn to

avoid contact with clothes.

Eye protection

Always wear approved safety glasses when working. Full face protective shields can be worn to avoid contact with face. Eye wash stations should be provided and regularly

inspected.

Footwear

Wear chemically resistant footwear as specified by

workplace regulations.

Additional measures

Practice good personal hygiene by washing exposed skin regularly with soap and water. Wash hand before consuming any food or drink.

## **SECTION 9 – PHYSICAL PROPERTIES**

Physical state

Liquid

Vapour density

Not available (Air = 1)

**Appearance** 

Pale yellow colour

Evaporation rate

< 1 (Butyl acetate = 1)

Water solubility Insoluble

Flash point

> 130°C

Odour

Mild

**Boiling point** 

> 200°C

Specific gravity 0.89 max (Water = 1)

**Melting point** 

-5 to -10°C

pH value

Not available

Flammability limits

Not available

Vapour pressure < 2 mm Hg @ 25°C

#### SECTION 10 - REACTIVITY & STABILITY

Stability

Stable

Hazardous polymerization

Will not occur

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products Combustion produces CO2, CO and thick smoke.

Conditions to avoid

None known

# SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity

Acute oral LD50 (rat) >17 400mg/kg

Acute and chronic health effects

None known

## SECTION 12 - ECOLOGICAL INFORMATION

Environmental precautions Product is not classed as a water pollutant or a toxic

chemical. Nevertheless, avoid uncontrolled releases of this product into the environment. Product is biodegradable.

Spill or leak precautions Contain spilled material using appropriate measures.

Transfer to secure containers. Where necessary, collect

material using absorbent media.

Waste disposal Dispose spilled or contaminated material according to

federal, state and/or local requirements.

Aquatic toxicity Product is not considered toxic to aquatic environments

Persistence/Degradability Product degrades at the same rate as dextrose sugar.

Mobility Not available

## **SECTION 13 - DISPOSAL**

Disposal considerations Dispose of waste according to local, state and federal laws.

Do not dispose into sewer system or into waterways. Use licensed waste operators for proper disposal of waste.

# **SECTION 14 – TRANSPORT INFORMATION**

Transport information Not classified as Dangerous Goods according to the

Australian Code for the Transport of Dangerous Goods by

Road and Rail.

UN Hazard class Not available

Packing Group Not applicable

National Motor Freight Classification

Shipping classification

65

Proper shipping name

Fatty acid methyl ester

Identification number

144920

#### **SECTION 15 – REGULATORY INFORMATION**

TSCA status

This product is listed on TSCA.

SARA Title III

Section 312 Extremely Hazardous Substances: None Section 311/312 Hazardous Categories: Non-hazardous

Section 313 Toxic Chemicals: None

Poison schedule

None allocated

## SECTION 16 - OTHER INFORMATION

This information relates only to the product described herein and may not be valid for such material used in combination with any other materials or in any other process. The MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and the company assumes no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use

(19 January 2009)

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