

Material Safety Data Sheet

Zorbie Products Ltd
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B-100 Blend Release Agent **January 2013**

SECTION 1

IDENTITY

Product Name	B100 Blend Release Agent
Product Identification	Methyl ester from vegetable and/or animal oils (liquid)
Distributor	Zorbie Products Ltd
Emergency Contact	Russ Simpson @ 604-290-2218
CAS Number	Not Chemical

SECTION 2

COMPONENTS & INGREDIENTS

Hazardous Components This product contains no hazardous products

SECTION 3

HAZARDOUS IDENTIFICATION

Skin Contact	May cause irritation. This product can be heated at high temperatures and skin burns are possible.
Ingestion	No hazards are related to an accidental ingestion of this product
Eye Contact	Could cause irritations. Rinse with running water for at least 15-20 minutes. If symptoms persist, acquire medical assistance
Inhalation	This product could cause damage if heated and produced mist. Irritations to mucous membrane can be caused by fine vapors, dizziness or nausea. Breathe fresh air

SECTION 4

FIRST AID MEASURES

Skin Contact	Wash the infected part of the body with soap and water
Eye Contact	In case of contact, flush eyes with plenty of water for at least 15 minutes using an eyewash fountain, if available. Get medical attention if irritation occurs.
Inhalation	Evacuate from the exposition zone, see medical support if symptoms persist
Ingestion	Avoid ingestion. If swallowed do not induce vomiting. Drink 2 glasses of water. <i>B100 is 10 times less toxic than table salt.</i>

SECTION 5

FIRE MEASURES

Flammability	Flash point (method used): >130 °C (ASTM D93)
Extinguishing methods:	Foam, Co2, water and dry chemical product. Water burst can splash the fire surface and extend the fire.
Special Procedures for fire:	The environment at risk should be sprayed with water.
Unusual Fire & Explosion Hazards:	Soaked rags may cause a spontaneous combustion if not handled with care. Before disposal, you should wash rags with soap and water, let dry in well ventilated area. Fire fighters should use an air tester to avoid exposure to mist or vapors.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Take away from any flammable sources(if possible), Contain the spill, control the leak if possible. Clean up with absorbent pads & oil sponge. Wash any hard surface with detergent to remove all oily residues. <i>B100 is 4 times more biodegradable than petroleum.</i>
Waste Disposal	Only an approved company can pick up waste, and then shipped to an approved landfill. Conform to federal, provincial and municipal laws.

SECTION 7

Handling Procedure & Storing

HANDLING AND STORAGE

Store in a closed tank between 50°F and 120°F. Keep away from oxidant agents, excessive heat and flame sources. Store and use in ventilated area. Do not store or use near a heat source. Do not pierce, pull or slide the barrel. The barrel is not a pressure vessel, never use pressure to empty it.

SECTION 8

Ventilation
Gloves
Respirator
Eyes
Other

EXPOSURE CONTROL / PERSONAL PROTECTION

Use in well ventilated area
Use oil/solvent resistant
Use approved respiratory mask if vapors are generated
Safety glasses or chemical splash goggles
All contaminated clothing should be washed before reusing

SECTION 9

Physical State
Specific Gravity (H₂O=1)
Steam Density (air=1)
Evaporation Rate (butyl acetate=1)
Boiling Point
Solubility in Water
Volatility, % per volume

PHYSICAL AND CHEMICAL PROPERTIES

Liquid
0.88
> 1
< 1
760mm Hg > 200°C
Insoluble
< 2

SECTION 10

Chemical Stability
Incompatibility with Other Substances
Hazardous By-Products

STABILITY AND REACTIVITY

This product is stable and won't create any hazardous chain reaction
Strong oxidizing agents
Emissions of carbon monoxide and carbon dioxide may occur when there is combustion

SECTION 12

TRANSPORT CANADA:

Shipping Name
Identification Number
Shipping classification

TRANSPORT INFORMATION

Fatty Acid Ester
None
None

NMFC (National Motor Freight Classification)

Shipping Name
Identification Number
Shipping Classification

Fatty Acid Ester
none
none

SECTION 13

OSHA

According to OSHA this product is not known as hazardous, OSHA 29 CFR 1910.1200. Mists and vapors that the product may generate could be hazardous as mentioned before.

TSCA

All ingredients are on the TSCA Chemical Substance Inventory

CALIFORNIA PROPOSITION 65

The following statement is made in conformity with the 1986 California State Law regarding the safety drinking water. This product does not contain any product that could cause any cancer known by the California State.

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