



Bondaglass-Voss Ltd

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G4 THINNERS

NA – Not Applicable

ND – Not Determined

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

CHEMICAL CHARACTERISTICS Aromatic hydrocarbon

SUPPLIER Bondaglass-Voss Ltd

2. COMPOSITION

<u>Composition</u>	<u>CAS No</u>	<u>Contents</u>
Butyl acetate	123-86-4	10%
Solvent naphtha	64742-95-6	
1,2,4 Trimethylbenzene	95-63-6	90%
Benzene content	< 0.1% wt	

3. HAZARDS IDENTIFICATION

Hazard symbol XN Harmful, N Dangerous for the environment

4. FIRST AID MEASURES

EYES	In all cases of doubt seek medical attention
SKIN	Irrigate thoroughly for 15 minutes lifting eyelids.
INHALATION	Wash immediately with soap and water.
	Remove to fresh air. If required provide artificial respiration.
INGESTION	Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	CO ₂ , Powder or water spray, alcohol resistant foam.
PROTECTIVE EQUIPMENT	Wear suitable breathing protection and clothing.

6. ACCIDENTAL RELEASE MEASURES	
PERSONAL PROTECTION	Avoid contact with skin and eyes. Do not breathe Vapour. Ensure good ventilation.
ENVIRONMENTAL PRECAUTION	Absorb in dry sand, dolomite, earth and place in container. Do not allow to enter drains, sewers, water courses. Dispose of in accordance with National Regulations.

7. HANDLING AND STORAGE	
HANDLING PRECAUTIONS	Keep away from heat, naked flames and sources of ignition. Ensure good ventilation.
STORAGE PRECAUTIONS	Keep container tightly sealed, in cool ventilated place. Keep away from oxidizers, heat and flames. Flammable liquid storage.

8. EXPOSURE CONTROL/PERSONAL PROTECTION	
ENGINEERING	Ensure good ventilation
PERSONAL PROTECTION	
RESPIRATORY	No specific recommendation but organic vapour mask may be required in exceptional circumstances
HANDS	PVC or Rubber Gloves, if there is a risk of direct contact.
EYES	Safety glasses, goggles
SKIN	Protective clothing
INDUSTRIAL HYGIENE	Keep away from food, drinks, wash hands.

9. PHYSICAL AND CHEMICAL PROPERTIES	
COLOUR	Colourless liquid
ODOUR	Aromatic Solvent
SPECIFIC GRAVITY	0.88 @ 15°C
MELTING POINT	ND
BOILING POINT	162°C
FLASH POINT	45°C
AUTO IGNITION	NOT
EXPLOSIVE LIMITS	Lower 0.7 vol % Upper 7.5 vol %
SOLUBILITY IN WATER	Not soluble

10. STABILITY AND REACTIVITY	
CHEMICAL STABILITY	Stable under correct storage conditions
MATERIALS TO AVOID	Reacts strongly with oxidizers.
HAZARDOUS DECOMPOSITION	Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Solvent Naptha

SKIN

EYES

SENSITIZATION

Oral LD50 > 6800 mg/kg (RAT)

Dermal LD50 > 3400 mg/kg (RAB)

Inhalation LC50/4 hr > 10.2 mg/l (RAT)

Prolonged exposure may result in skin irritation.

Liquid and vapours maybe irritating to eyes if prolonged exposure.

No effects known

12. ECOLOGICAL INFORMATION

Expected to be toxic to aquatic organisms. Do not allow products to reach ground water, water courses or sewer systems

13. DISPOSAL

Dispose of in accordance with National Regulations

14. TRANSPORT INFORMATION

UN NO.

1268

IMDG

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PACKING GROUP

III

MARINE POLLTANT

Yes

EMS NUMBER

3-07

MFAG

310

PROPER SHIIPING NAME

Petroleum distillates, nos, solvent naptha (petroleum), light aromatic.

15. REGULATORY INFORMATION

R-PHRASES

Symbol XN harmful – N Dangerous for the environment

R10 Flammable

R37 Irritating to respiratory system

R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness & cracking

R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S23 Do not breathe vapours

S24 Avoid contact with skin

S43 In case of fire, use water.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

These materials are for use by person cognisant with the use of these materials.

MAIN REFERENCES:

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

April 2004