

# THE LAB<sup>®</sup>

## Chemicals & Coatings

### -ECOSOLVE-

#### TECHNICAL AND MATERIAL SAFETY DATA SHEET

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#### SUPPLIER IDENTIFICATION AND INFORMATION

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# THE LAB ECOSOLVE

(Solvent)

## PRODUCT INFORMATION

### PRODUCT DESCRIPTION

A blend of solvents and cleaning compounds that is soluble in water. It is highly effective as a degreaser or cleaning agent, designed to clean epoxy, polyester, polyurethane and alkyd resin. Over a hundred uses as cleaning solution.

Product	: Solvent
Color	: Red liquid
Specific Gravity	: 0.82
Packaging	: 5l, 25l, 200l
Storage	: Ideally between 5°C and 25°C

### APPLICATION

For best results heavy deposits of oil, grease or residue matter must be removed by mechanical means prior to applying water soluble brush cleaner. Use water soluble brush cleaner undiluted onto the surface area and scrub into the substrate. Once the product has been applied, leave for 10 minutes to enable the cleaner to soften and penetrate the deposit before rinsing off with clean water. This process can be repeated as often as required until the desired result is achieved.

All paint brushes and paint equipment must be allowed to stand for 10 minutes in water soluble brush cleaner solution to soften up. Rinse off in clean water. Water soluble brush cleaner can be used more than once. Discard material after cleaning effectiveness is reduced

### FEATURES

#### USES :

Cleaning of paint brushes and spray painting equipment.

As a degreaser.

Cleaning of machinery and equipment after production runs.

Removes tar, bitumen, oil and grease from most substrates.

Removes epoxy, polyurethane and other resins from equipment before they have cured.

### CLEAN UP

Wash all tools and surfaces with clean water.

# THE LAB ECOSOLVE

## MATERIAL SAFETY DATA SHEET



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : The Lab Ecosolve  
Date Issued : 2016-01-13  
CAS no. : n/a EC no. : n/a  
UN No. : 1263 Hazchem : 3[Y] SAPMA : 2-H-E  
In emergency contact : THE LAB

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

[F R11][Xn R20/21][Xi R36] R66,67  
EC Classification: - F Xn R11,20/21/21,36,66,67,S36/37,02,13,16,26,43A,46,51

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

n-BUTANOL	>10%
	[CAS #: 71-36-3] [E.C. #: 603-004-00-6]
	EEC Labels: XN OEL 150mg OEL 50ppm STOEL 150mg STOEL 50ppm RL S
SYNPERONIC NP 9	>5%
	[CAS #: 127087-87-0][E.C. #: N/Q]
	EEC Labels: XI
METHYL ETHYL KETONE	<20%
	[CAS #: 78-93-3][E.C. #: 606-002-00-3]
	EEC Labels : F XI OEL 590mg OEL 200ppm STOEL 885mg STOEL 300ppm RL+
TOLUENE	<12.5%
	[CAS #: 108-88-3][E.C. #: 601-021-00-3]
	EEC labels : F XN OEL 188mg OEL 50ppm STOEL 150ppm RL + S
ACETONE	[CAS#: 64-64-1]

Acetone = Controlled/Recommended level 'S' = Skin annotation)

### SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating : 2-MODERATE - Temporary or minor injury possible even if treatment given  
Inhalation : HARMFUL. Excessive exposure to this material must be avoided.  
Skin : HARMFUL BY CONTACT.  
Eyes : Irritating – may cause damage if not given prompt attention.  
Ingestion : Harmful If Swallowed. Can effect CNS. Systemic poison.  
No carcinogenic, mutagenic or genetic effects established  
Medium to long term environmental effects. Contain, collect and remove.

### SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air. In case of discomfort seek medical attention.  
Skin : Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention  
Eyes : Rinse well with water and seek medical advice if discomfort persists.  
Ingestion : Wash mouth with plenty of water. Do NOT induce vomiting. Refer immediately to Doctor.

### SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.  
Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!  
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.  
Cool containers in case of a fire.

### SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep waste separate for disposal.

### SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances –oxidisers in particular  
No open flames. No smoking. No Sparks.  
Keep containers cool. Avoid free falling of liquid - use earthing.

# THE LAB ECOSOLVE

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating : 2-H-E PPE : Respirator and eye protection.

Inhalation : In case of insufficient ventilation, use suitable respiratory protection.

Skin : Avoid direct contact. Use barrier cream and impervious gloves

Eyes : Use goggles. Avoid direct contact. Do not touch eyes with dirty hands or gloves.

Ingestion : Observe the rules of hygiene. Wash before eating, drinking or Smoking.

OEL Type : Mix- Mixture- See Section 2 Skin annotation



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class : PAINT Description : Viscous liquid Smell : Pungent Boil .pt : (C) :35> flashPoint (C) : <23

## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions Prone to ignite by static

Inert –no reaction with fire- fighting water

Inert - no reaction with fire-fighting water

## SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

## SECTION 12. ECOLOGICAL INFORMATION

Medium to long term environmental effects. Contain, collect and remove.

## SECTION 13. DISPOSAL INFORMATION

Use only reputable waste disposal companies

## SECTION 14. TRANSPORT INFORMATION

UN no : 1263 Packing group : III IMO Class : 3.3 hazchem : 3 [y ]E



## SECTION 15. REGULATORY INFORMATION

EC no. : n/a Contains : n- BUTANOL

EC Classification : - Xn N R11,20/21,36,66,67,s36/36,02,13,16,26,43A 46,51

R11 – highly Flammable

R20/21 – Harmful by inhalation and contact with the skin

R36 irritating to the eyes

R66- Repeated exposure may cause skin drying or cracking

R67- Vapours may cause drowsiness and dizziness

S36/37-Wear suitable protective clothing and gloves

S2-Keep out of reach of children {Retail sales items }

S16-Keep away from food , drink and animal feeding stuffs

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S43A- In case of fire, use water fog, foam or powder. Do not use water jets!

S46- If swallowed seek medical advice immediately and show this container or label.

S51- use only in well ventilated areas.

## SECTION 16. OTHER INFORMATION

THIS SUBSTANCE IS A POTENTIAL SENSITISER – ENSURE PRECAUTIONS ARE TAKEN.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

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This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

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No responsibility is accepted for errors or omissions or the consequences thereof.