

Catalyst 81B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name:	Catalyst 81B
Chemical Name:	
Supplier:	Jacobson Chemicals Ltd Unit 4 Newman Lane Industrial Estate Alton Hants GU34 2QR
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2. COMPOSITION

Substance:	N/a	
Substance Name:	Dibutyl tin dilaurate:	Propylsilicate:
EC Index No:	Xn R20/21/22	Xi R10/36/38
CAS Number:	77-58-7	682-01-9
% in weight:	<12	<25
EEC Number:	N/a	

<u>Constituents</u>	<u>Range</u>	<u>Haz Symt</u>	<u>Risk</u>
Dimethylpolysiloxane, organic tin soap, organic silicate.			
EINECS all components are included.			

3. HAZARD IDENTIFICATION

The most important hazards are:	Irritant.
Inhalation:	Excessive inhalation causes nausea, headache, dizziness and loss of coordination.
Skin Contact:	Irritant
Eye Contact:	Irritant
Ingestion:	Irritates mouth, throat and stomach. Dangerous if swallowed in large amounts.

4. FIRST AID MEASURES

Immediate medical attention:	Yes
Professional assistance from physician required?	Yes
Inhalation:	Remove to fresh air, if not breathing, give mouth-to-mouth respiration. Seek medical attention.
Skin Contact:	Remove contaminated clothing and launder before reuse. Wash skin with soap and water. Seek medical attention if irritation persists.
Eye Contact:	Flush eyes with plenty of water for 15 minutes. Seek medical attention immediately.
Ingestion:	Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	All standard firefighting media
Combustion products:	Silica, CO ₂
Required special protective equipment:	Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition.
Methods of Cleaning:	Wipe, scrape or soak up in an inert material and dispose of according to local authority regulations.

7. HANDLING & STORAGE

Handling:	Use protective gloves, use only in well ventilated area, keep away from sources of ignition and food. Avoid contact with eyes.
Storage:	Store upright in a cool place below 30°C in original well closed containers.

8. EXPOSURE CONTROLS

Take measures to prevent:	Contact with skin and eyes.
Exposure to control limits:	N/a
Respiratory protection:	Use in a well ventilated area.
Hand Protection:	Rubber gloves
Eye Protection:	Safety glasses.
Skin Protection:	Wear protective clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Esther
Colour:	Colourless to pale yellow
Boiling Point:	>200°C
Viscosity:	10cps
Specific Gravity:	0,957 gr/cm ³
Flash Point:	63°C
Solubility in water:	Reacts
% volatile by volume:	n.d.

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10. STABILITY & REACTIVITY

Dangerous reaction:	None if stored and used as explained.
Conditions to avoid:	Avoid any source of ignition.
Materials to avoid:	Water, acidic, basic and oxidizing agents.
Hazardous decomposition products:	CO, CO ₂ , SiO ₂ tin fumes.

11. TOXICOLOGICAL INFORMATION

	Dibutyl tin-dilaurate	Propylsilicate
LD50 Acute oral (mg/Kg):	1.470 (rat)	>5.000 (rat)
LD50 Acute dermal (mg/Kg):	>2.000 (rbt)	>2000 (rbt)
LC50 Acute inhalation (mg/lt):	None found	>5
The product is considered irritant		

12. ECOLOGICAL INFORMATION

Elimination:	Not biodegradable
Behaviour:	None Known
Ecotoxicological information:	None known

13. DISPOSAL CONSIDERATIONS

Product:	Follow the local disposal. Dispose product after curing.
Packaging:	After cleaning, possibly reuse them or dispose in accordance with the local regulations.

14. TRANSPORT INFORMATION

UN Number:	1993
Proper Shipping Name:	N/a
Additional Data:	N/a
IMDG IMO - Sea:	3.3 Pag. 3559 . 3345
ICAO IATA - Air:	3. III
ADR/RID - Road/Rail:	3.32C
Transport Category:	III
Special carriage precautions in carriage:	N/a
Classification data:	N/a

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15. REGULATORY INFORMATION

This product is subject to the labeling requirements of EC Directives 67/548/EEC and 88/379/EEC as amended.

Supply label information:	Irrigation
Hazard Symbol:	Xi
Risk Phrases:	R 36/38 Irritating to skin and eyes.
Safety Phrases:	S51 Use only in well ventilated areas.

16. OTHER INFORMATION

This information is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.