

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Windsor 73 Stabiliser
Trade Name: Windsor 73 Stabiliser
Revision Date: 1/11/08
Company Name: Chemisys Ltd

Address: P. O. Box 40480
 Glenfield
 Auckland
 New Zealand
 Phone 09 4768603 Fax 09 4768605
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Hazardous according to the criteria of HSNO and ERMA

Surface Coatings and Colorants (Combustible) Group Standard 2006.
 HSNO Approval Number HSR002657.

2. Composition/Information on Ingredients

Ingredients considered hazardous:

Chemical Name	CAS #	Proportion	EU Classification
Light Hydrotreated Distillate	[64742-47-8]	>60%	Xn; R65
Aliphatic Solvent	[8052-41-3]	<10%	Xn; R65
Zinc Naphthenate	[12001-85-3]	<10%	Xi; R38 N; R51, R53

Ingredients determined not to be hazardous to 100%

Notes on EU Symbols: Xn Harmful, Xi Irritant

HSNO Classification of Mixture 3.1D, 6.1D, 6.3B, 6.8B, 6.9B 9.1B, 9.2C, 9.3C

3. Hazards Identification

HSNO Classification of Mixture 3.1D, 6.1D, 6.3B, 6.8B, 6.9B 9.1B, 9.2C, 9.3C

Harmful: Low viscosity material may cause lung damage if swallowed
 Irritating to skin
 Suspected of damaging fertility or the unborn child
 May cause damage to organs through prolonged or repeated contact
 Toxic to aquatic life with long lasting effects
 Harmful to the soil.
 Harmful to terrestrial vertebrates

4. First Aid Measures

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

Ingestion:

DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

Inhalation:

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

Note to doctor:

Treat symptomatically. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis.

5. Fire-Fighting Measures

Flash Point: range 65-93 degrees Celsius (ASTM D92)

Extinguisher Media: Foam, carbon dioxide, dry chemical.

Unusual Fire and Explosion Hazards: None known

Special Protective Equipment: Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus.

Combustion Products: Toxic fumes may be evolved on burning or exposure to heat. (See Section 10 of this MSDS)

6. Accidental Release Measures

Hazards:

This product is toxic to fish. DO NOT contaminate waterways.

Steps to be taken if material is released or spilled:

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

Container Disposal:

DO NOT reuse container. Dispose of safely.

7. Handling and Storage

Handling:

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact. Keep out of reach of children. Avoid

release to the environment. Keep container tightly closed. Wash thoroughly after handling. Avoid breathing vapour.

Storage:

Store in a cool, dry place out of reach of children.
Incompatible with unlined metal containers.

8. Exposure Controls/Personal Protection

Ventilation Requirements:

Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 5mg/m³. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Respiratory Protection:

None normally required if good ventilation is maintained. If mist is generated approaching 100ppm during application process, use a disposable mist respirator for organic vapours.

Eye Protection:

If accidental eye contact is possible then wear goggles or a face visor.

Skin Protection:

Unnecessary skin contact should be avoided and good personal hygiene practises observed. If skin contact is anticipated then protective clothing including impervious gloves should be worn.

9. Physical and Chemical Properties

Appearance:	Dark amber liquid.
Odour:	Slight naphthenate odour.
PH Range:	not applicable
Specific Gravity:	~0.90 @ 20 degrees Celsius
Solubility in Water:	Negligible
Flash Point:	range 65-93 degrees Celsius (ASTM D92)

10. Stability and Reactivity

Stability:	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions.
Incompatibility:	Strong Oxidising Agents
Hazardous Decomposition Products:	None when handled as intended
Hazardous Polymerisation:	Will not occur

9. Toxicological Data

Eyes:

Can cause severe irritation, redness, tearing, and blurred vision. Can cause irreversible damage on prolonged contact.

Ingestion:

Acute Toxicity (Rat): LD50 oral 300-2000 mg/kg. This toxicity data is based on studies conducted on primary raw materials. Can cause gastro-intestinal irritation, nausea, vomiting, and diarrhoea.

Inhalation:

Harmful if inhaled. Can cause nasal and respiratory irritation, dizziness, nausea, vomiting, headache, and weakness.

Skin:

Prolonged or repeated contact may result in itching, defatting, dermatitis or more serious irreversible skin disorders.

12. Ecological Information

Hazard:

This product is toxic to marine organisms.

Mobility:

Spillages may penetrate the soil causing ground water contamination. This product spreads out on the surface of the water.

13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

14. Transport Information

Not classified as hazardous for transport (ADG, UN, IATA/ICAO)

Classified as a Combustible Liquid C1, AS 1940-1993

15. Regulatory Information

Australian Classifications:

UN Number:	NA
HAZCHEM Code:	NA
Dangerous Goods Class	NA
Packaging Group:	NA
EC Labelling:	Xn; R65, Xi; R38, N;R51 R53 S2, S23, S24, S25, S62

NZ Labelling:

The label must provide the following general information about the substance:

- (a) the product name; and
- (b) enough information to enable the New Zealand importer, supplier or manufacturer to be contacted, either in person or by telephone; and
- (c) a 24 hour emergency telephone number
- (d) directions for use, including, where relevant, dilution rates and dose rates.

- (e) on the main label, the general precautionary statement '**Keep out of reach of children**'; and
- (f) the general precautionary statements—
- (i) **Read label before use**
 - (ii) **Keep locked up and out of reach of children**
 - (iii) **Avoid contact with skin**
 - (iii) **Do not breathe vapour**
 - (iv) **Wear gloves and suitable protective clothing and eye protection**
 - (v) **Wash hands and skin thoroughly after handling**
 - (vi) **Avoid release to the environment**
 - (vi) **If medical advice is needed, have product container or label at hand.**
 - (vii) **IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.**
 - (viii) **IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention. Take off contaminated clothing and wash before reuse.**
 - (ix) **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.**
- (g) The label must provide the following hazard information about the substance:
- (i) the signal word '**warning**'; and
 - (ii) **the GHS pictogram warning explanation mark**
 - (ii) **the GHS pictogram aspiration hazard**
 - (iii) **the GHS pictogram environmental hazard**
 - (iii) **the hazard statement 'Combustible Liquid'**
 - (iv) the hazard statement '**may be harmful if swallowed and enters airways**'; and
 - (v) the hazard statement '**causes skin irritation**'
 - (v) the hazard statement '**toxic to aquatic life with long lasting effects**'
 - (vi) the hazard statement '**harmful to terrestrial vertebrates**'
- (h) Disposal Statement-- '**Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions provided that local regulations for emissions are met. Dispose of product and container responsibly and carefully. Do not dispose of near waterways, down drains or into soil.**'

(i) The following composition information--

Chemical Name	CAS #	Proportion	
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Ingredients determined not to be hazardous		to 100%	

(j) the following transport information:

Not classified as hazardous for transport (ADG, UN, IATA/ICAO)
Classified as a Combustible Liquid C1, AS 1940-1993

Other Statutory Requirements:

Material Safety Data Sheet Regulations for This Substance

(1) A person, when selling or supplying this substance at any quantity shall provide a safety data sheet for this substance supplied to the recipient if—

- (a) the substance is likely to be used in a place of work; and

(b) they have not previously supplied a safety data sheet for this substance to the recipient.

(2) In each place of work where this substance is manufactured, stored or used, the person in charge of the place must ensure that every person handling the substance has access to a safety data sheet for that substance.

(3) The safety data sheet must be available to a person handling this substance within 10 minutes, and be readily understandable by any fully trained worker required to have access to it.

(4) A person who manufactures or supplies this substance in New Zealand or imports this substance into New Zealand must, if asked to do so by any person in charge of a place of work where this substance is stored or used, give that person the required safety data sheet.

16. Other Information

Compiled by:
Chemisys Ltd

P. O. Box 40480
Glenfield
Auckland
New Zealand

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Chemisys Group shall not be responsible for any damage of injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.