

Material Safety Data Sheet 3-in-One Drip Oil



3-IN-ONE

1 IDENTIFICATION		
Name of product:	3-in-One oil	
Acronym/Z Code:	TIOOL/Z4567	
Product Type:	All purpose lubricating oil	
Use:	The product is used for the lubrication of moving parts and is used for protecting tools and surfaces from the effects of rust.	
Appearance:	A low viscosity all purpose oil, pale straw colour. The oil is contained in a tinplate container fitted with a dropper sprout.	
Supplied by:	WD-40 Company Limited PO Box 440, Kiln Farm, Milton Keynes, MK11 3LF Tel: 01908 555400 Fax: 01908 266900	
2 COMPOSITION		
The product contains the following materials:		
	% Weight	Cas No
PALE SPINDLE OIL	>98%	64742-52-5
CORROSION INHIBITOR	Less than 1.0%	N/A
CITRONELLA OIL	Less than 0.5%	N/A
	Irritant	
	Flammable	
3 HAZARDS IDENTIFICATION		
EYE CONTACT -	Can cause stinging and irritation	
SKIN CONTACT -	Prolonged contact with the oil may give rise to irritation and dermatitis	
INHALATION -	Aspiration into the lungs is the main hazard, which may cause chemically induced pneumonia	
INDIGESTION -	May cause irritation of the mouth, oesophagus, stomach, abdominal pain and diarrhoea. Nausea and vomiting are the most likely outcome and the greatest danger would result from aspiration into the lungs.	
4 FIRST AID MEASURES		
SKIN -	Wash copiously with soap and water - remove contaminated clothing, including shoes and launder before re-use. If skin irritation develops seek immediate medical attention.	
EYES -	As soon as possible irrigate thoroughly with water for at least 10 minutes, holding the eyelids apart. If in any doubt, or the irritation persists, obtain medical attention.	
INHALATION -	Ensure that airways are clear and unobstructed. Keep warm and at rest. If there is any difficulty in breathing, or vomiting has occurred obtain medical attention urgently. If breathing stops or shows signs of failing, apply mouth to mouth ventilation and put near fresh air.	
INGESTION -	In the event of deliberate ingestion medical help must be obtained urgently.	
Keep at rest. Do not induce vomiting but seek prompt medical attention. Observe patient in case abdominal pain develops, or patient starts to vomit. Try to keep patient conscious and try to make certain that patient does not aspirate vomit into lungs.		
5 FIRE-FIGHTING MEASURES		
In the event of a fire use carbon dioxide, dry power or foam extinguishers.		
6 ACCIDENTAL RELEASE MEASURES		
The oil should not be allowed to enter drains or water courses. Small spills should be soaked up with sand or earth disposed of in accordance with local bylaws and the requirements of the Environmental Protection Act 1990.		
7 HANDLING AND STORAGE		
Containers should be kept away from heat and oxidising agents and containers should be kept out of reach from young children		
8 EXPOSURE CONTROLS/PERSONAL PROTECTION		
Wear suitable gloves if excessive skin contact is likely to occur, or if there is a history of skin problems		
9 PHYSICAL AND CHEMICAL PROPERTIES		
Physical state:	Medium viscosity oil	
Odour:	Citrus, oily characteristic	
Product density:	0.905 @ 15° Celsius	
Flammability:	Flash point approx 150° Celsius	

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10 STABILITY AND REACTIVITY

Pale spindle oil and mineral oil will give rise to a range of substances from thermal decomposition. The following substances may be expected from normal combustion:

Carbon dioxide:	Polycyclic aromatic hydrocarbons
Carbon monoxide:	Unburned hydrocarbons
Water:	Unidentified organic/inorganic compounds
Particular matter:	Nitrogen oxides

11 TOXICOLOGICAL INFORMATION

The product is not classified as dangerous for health effects.

12 ECOLOGICAL INFORMATION

Pale spindle oil is a mixture of non-volatile components which are not expected to be released to air in any significant quantities.

If released to water the oil will form a floating layer and its components will not evaporate or dissolve to any great extent. Dissolved components will be absorbed in sediments. In aerobic water any sediments will biodegrade slowly, but in anaerobic conditions they will persist. Pale spindle oil is practically non-toxic to aquatic organisms but contains components which have a high potential to bioaccumulate. Small volumes released on land will be absorbed in the upper soil layers and biodegrade slowly. Larger volumes may penetrate into anaerobic soil layers in which the product will persist and may reach the water table on which it will form a floating layer. The more soluble components may dissolve but their high soil absorption co-efficiency and the low solubility will prevent significant contamination of ground water.

13 DISPOSAL CONSIDERATIONS

Oil based products should be disposed of to a licensed waste contractor. Any disposal route should comply with local bylaws and the requirements of environmental protection legislation.

14 TRANSPORT INFORMATION

UN number:	N/A
Description:	N/A
IMDG class:	Not classified
Packaging group:	N/A
ADR class:	N/A
Hazard class:	Flammable liquid

15 REGULATORY INFORMATION

Chemical (Hazard Information and Packaging Regulation) 1994 No 3247 and Amendment 1996 No1092 1988 relating to the Classification, of Packaging and Council Directive 75/324/EEC Relating to Aerosol Dispensers and Amendment 94/1/EC

Keep out of reach of children. If swallowed seek medical advice immediately and show this container or label.

- a) Consumer Pack Label
Classification: Not classified as dangerous

16 OTHER INFORMATION

Data sources used in the preparation of this SDS:
Raw material supplier's safety data sheets.

We believe the statements, technical information and recommendations contained herein are reliable. However, the data is provided without warranty, expressed or implied. It is the user's responsibility both to determine safe conditions for use of this product and assume loss damage or expense, direct or consequential, arising from its use. Before using the product, read information printed on the label.

3-IN-ONE is a Trademark.

Date:2-Oct-02

David Redshaw

Title: General Manager

Date: