

VEEDOL INTERNATIONAL DMCC

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME VEEDOL Syntron 5W-40	Sheet	1 of 5
	Revision No.	0
	Last Revision	-----
	Issue Date	02-07-2012

SECTION - I : PRODUCT AND COMPANY IDENTIFICATION

Trade Name	VEEDOL Syntron 5W-40
Manufacturer's / Supplier's Name	VEEDOL INTERNATIONAL DMCC
Street Address	1501, Indigo Icon, JLT
City	Dubai, UAE
P. O. Box	117019
Emergency Telephone No.	+971 4 3688416

SECTION II : COMPOSITION

Chemical Composition: A mixture of synthetic hydrocarbons, synthetic esters and performance additives

Hazardous Components: No component is present at sufficient concentration to require a hazardous classification for health in accordance with EC legislation

<u>Components</u>	<u>CAS NO.</u>
2,6-Di-tert-butylphenol	128-39-2
Phenol, dodecyl-, branched	125997-21-9
Diphenylamine	122-39-4

SECTION III : HAZARDS IDENTIFICATION

Health: This product is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended. However, prolonged or extensive skin contact with the product may result in skin disorders. The risk of skin disorders may be increased if the product has become contaminated.

SECTION IV : FIRST AID MEASURES

Ingestion: Do not induce vomiting. If conscious give 2 glasses of water and seek immediate medical attention.

Eye Contact: Ensure contact lenses are removed before rinsing. Wash eyes with plenty of water while lifting the eye lids and continue for 15 minutes. Seek medical attention if discomfort persists.

Skin Contact: Remove contaminated clothing. Wash the skin with soap and water. Get medical attention if discomfort persists.

Inhalation: Remove victim immediately to fresh air. If symptoms persist seek medical attention.

Additional Information: Note to Physician: Treat symptomatically.

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SECTION V : FIRE FIGHTING MEASURES

<u>Flash Point:</u>	226°C typical (COC)
<u>Extinguishing Media:</u>	Stop flow of material to fire. Extinguish using Carbon Dioxide, Dry powder, Foam. Use water spray to keep fire exposed containers cool and to disperse vapours.
<u>Special Fire Fighting Procedures:</u>	Avoid breathing fire vapours. If possible use self-contained breathing equipment. Water may cause splattering. Material will float on water. Aim to prevent run-off water from getting into sewers and water sources.

SECTION VI : ACCIDENTAL RELEASE MEASURES

<u>Spill Procedure:</u>	Stop leak at source if possible without risk. Extinguish all ignition sources; avoid sparks, flames, heat and smoking. Personal Protective Equipment (PPE) must be worn. Ventilate area if spillage occurred in a confined or poorly ventilated area. Absorb spillages using inert absorbent material and remove into plastic containers for proper disposal
<u>Environmental Precautions:</u>	Protect drains by covering to avoid any spillage entering the drainage system. If any contamination of the drainage system occurs inform the local authorities, Fire Brigade and Environment Agency.
<u>Disposal of Spillage Waste:</u>	Consult local authority regulations or waste disposal experts if in doubt

SECTION VII : HANDLING AND STORAGE

<u>Handling:</u>	Protect against contact with eyes. If splashing is likely to occur wear a full face visor or safety goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Avoid breathing mists or vapours.
<u>Fire Prevention:</u>	Product soaked rags, paper or absorbent material represent a fire hazard and should not be allowed to accumulate.
<u>Storage:</u>	Avoid undue exposure to heat and ignition sources. Store in tightly sealed original containers in a cool, dry and well ventilated location.

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SECTION VIII : EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>	None Established
<u>Control Measures:</u>	Use only in well ventilated areas. If engineering controls do not reduce airborne vapours to an acceptable level, use suitable respiratory equipment
<u>Hand Protection:</u>	Wear chemical resistant gloves made from impermeable material, (e.g. neoprene).
<u>Eye Protection:</u>	Wear approved safety goggles or safety glasses.
<u>Respiratory Protection:</u>	Under normal conditions a respirator is not usually required, but if deemed necessary use an NIOSH/MSHA approved disposable dust/mist mask.
<u>Body Protection:</u>	Wear PPE issue work clothes and chemically resistant safety shoes.

SECTION IX : PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State:</u>	Golden/Brown liquid
<u>pH:</u>	Not determined
<u>Specific Gravity:</u>	0.840 – 0.860 at 15°C
<u>Solubility:</u>	Insoluble in water.
<u>Odour:</u>	Mild
<u>Viscosity:</u>	Approx. 95 cSt at 40°C Approx. 14.4 cSt at 100°C
<u>Boiling Point:</u>	Not determined
<u>Pour Point:</u>	-40°C

SECTION X : STABILITY AND REACTIVITY

<u>Stability:</u>	Material is normally stable at moderately elevated temperatures and pressures
<u>Incompatibility:</u>	None known, avoid contact with reactive chemicals
<u>Thermal Decomposition Products:</u>	Releases smoke, oxides of carbon and other products of incomplete combustion. Hydrogen sulphide, alkyl mercaptans and sulphides may also be released.

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SECTION XI : TOXICOLOGICAL INFORMATION

Materials used have been shown to be of low toxicity, but best practice dictates that prolonged exposure and contact should be avoided

<u>Eye Irritation:</u>	Unlikely to cause more than transient stinging or reddening if accidental eye contact occurs.
<u>Skin Irritation:</u>	Not expected to be a primary skin irritant*. Prolonged or repeated skin contact may lead to dermatitis.
<u>Respiratory Irritation:</u>	Prolonged exposure to oil mists / vapours may cause irritation of mucous membranes and the upper respiratory tract.*.
<u>Dermal Toxicity:</u>	LD50 > 2000 mg/kg* (rabbits)
<u>Inhalation Toxicity:</u>	No data to suggest product may be a toxic inhalation hazard
<u>Oral Toxicity:</u>	LD50 > 5000 mg/kg* (rats)
<u>Dermal Sensitization:</u>	No data available to indicate product or components may be a skin sensitizer
<u>Inhalation Sensitization:</u>	No data available to indicate product or components may be respiratory sensitizers
<u>Chronic Toxicity:</u>	No data available to indicate product or components present at greater than 1.0% are chronic health hazards
<u>Carcinogenicity:</u>	No data available to indicate product or components present at greater than 0.1% may present a carcinogenic hazard
<u>Reproductive Toxicity:</u>	No data available to indicate product or components present at greater than 0.1% may cause reproductive toxicity
<u>Teratogenicity:</u>	No data available to indicate product or components present at greater than 0.1% may cause birth defects
<u>Other:</u>	No other health hazards known Contains synthetic mineral oil. Under working conditions which may generate mists observe the US OSHA PEL of 5 mg.m-3 and ACGIH STEL of 10 mg.m-3

SECTION XII : ECOLOGICAL INFORMATION

<u>Water:</u>	Material floats on water. Individual components range from readily to poorly biodegradable, however small spillages into water will be dispersed by evaporation and/or biodegradation.
<u>Soil:</u>	Small quantities will be absorbed into the upper soil layers where biodegradation may take place. Larger quantities may penetrate to anaerobic soil layers where some organic compounds may persist.
<u>Aquatic Toxicity:</u>	May be harmful to aquatic organisms. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer may also be impaired.

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SECTION XIII : DISPOSAL CONSIDERATIONS

This material may be disposed of via an authorised waste/disposal company in accordance with Local and/or National Waste Disposal regulations and the Environmental Protection Act, 1990. If possible, arrange for material to be recycled.

SECTION XIV : TRANSPORT INFORMATION

UN Number: Not Applicable
IMDG: Not Applicable
ICAO: Not Applicable
ADR/RID Hazard: Not Applicable

SECTION XV : REGULATORY INFORMATION

Hazard Label Data: This product is not classified as dangerous for supply in the UK
EC Directives: Framework Waste Directive, 91/156/EEC
Waste Oil Directive 87/101/EEC
Statutory Instruments: Health & Safety at Work Act, 1974
Environmental Protection Act, 1990
Control of Substances Hazardous to Health, 1988
Chemicals (Hazard Information and Packaging) Regulations, 1993

SECTION XVI: OTHER INFORMATION

DISCLAIMER:

The data and information contained herein are being furnished for informational purposes only, upon the express condition that each customer shall make its own assessment of appropriate use, appropriate shipping, transfer and storage of materials manufactured by Veedol International DMCC. Although based on information sources it is considered to be accurate and reliable, Veedol International DMCC makes no warranty, either express or implied, including any warranties of merchantability or fitness for a particular purpose, regarding the validity of this information, the information sources upon which the same are based, or results to be obtained, and expressly disclaims liabilities for damages or injuries resulting from the use thereof.