VEEDOL INTERNATIONAL DMCC
Unit 1501 | Indigo Icon | Jumeirah Lakes Towers
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME VEEDOL AVALON 32	Sheet Revision No. Last Revision Issue Date	1 of 5 0 ------- 11-06-2012

SECTION - I : PRODUCT AND COMPANY IDENTIFICATION

Trade Name	**VEEDOL AVALON 32**
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 AND INFORMATION ON INGREDIENTS

Components	CAS NO.
Zinc dialkyl dithiophosphate	68649-42-3
Alkyl phenol	Proprietary
Mineral Base Oils	64741-88-4, 64741-89-5, 64742-52-5, 64742-53-6, 64742-54-7, 64742-56-9, 64742-65-0.

SECTION III : HAZARDOUS IDENTIFICATION

Emergency Overview
May cause eye Irritation
May cause an allergic skin reaction

Potential Health Effects

Eyes The eye irritation potential of this substance has not been determined.

Skin This substance may cause skin irritation on prolonged or frequently repeated contact. The skin sensitization potential of this product has not been determined. The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin.

Inhalation The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled.

Ingestion If swallowed, this substance is considered practically non-toxic to internal organs.

(See Section XI for Toxicological Information)

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SECTION IV : FIRST AID MEASURES

Eye Contact	Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing and continue flushing for at least 15 minutes. Get medical attention if irritation persists.
Skin Contact	No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
Inhalation	No specific first aid measures are required because this material is not expected to be harmful if inhaled. If exposed to excessive levels of material in the air, move the exposed to fresh air. Get medical attention if coughing or respiratory discomfort occours.
Ingestion	If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting.

SECTION V : FIRE FIGHTING MEASURES

Flammable Properties

Flash point (^{0}C) and Method	210 ^{0}C (COC), Typical Value
Auto Ignition Temperature (^{0}C)	Not Estimated

Flammablility Limits

Upper Explosive Limit (% Vol)	Not applicable
Lower Explosive Limit (% Vol)	Not applicable
Extinguishing Media	Carbon Dioxide, Foam, Dry Chemical and Water Fog
Combustion Products	Normal combustion forms carbon dioxide and water vapour and may produce oxides of sulfur and phosphorus. Incomplete combustion can produce carbon monoxide.
Fire Fighting Instructions	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
TDG Flammability	

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SECTION VI : ACCIDENTAL RELEASE MEASURES

Accidental release measures
Stop the source of the leak or release. Clean up release as soon as possible. Contain liquid to protect further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

SECTION VII : HANDLING AND STORAGE

Do not weld, heat or drill container. Replace cap or bung. Emptied container still contains material which may ignite with explosive violence if heated sufficiently.
Avoid contact with eyes, skin and clothing.

Storage Requirements	Keep container closed to avoid contamination with moisture or water.

SECTION VIII : EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls
Use closed system where possible to avoid eye and skin exposure

Personal Protective Equipment

Eyes	Wear chemical goggles
Skin	Avoid contact with skin or clothing. Skin contact should be minimized by wearing protective clothing including gloves.
Inhalation	If operating conditions result in airborne mists or vapours or this material, the use of an approved respirator is recommended.

SECTION IX : PHYSICAL AND CHEMICAL PROPERTIES

Odour / Appearance	Mild / Clear & Bright Liquid
Form	Liquid
Boiling Point	Not applicable
Vapour Density	Not applicable

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Density @ 15 ^{0}C, Kg/L	0.878 (Typical Value)
Pour Point (^{0}C)	-27 (Typical Value)
Solubility (Water)	Negligible
Viscosity, cSt	32 @ 40 ^{0}C (Typical Value)

SECTION X : STABILITY AND REACTIVITY

Conditions to avoid	No data available
Chemical stability	Stable
Hazardous decomposition products	No data available
Incompatibility with other substances	May react with strong oxidizing agents
Hazardous polymerization	Polymerization will not occur

SECTION XI : TOXICOLOGICAL INFORMATION

Additional Toxicological Information
This product contains petroleum base oils which may be refined by various process including severe solvent extraction, severe hydrocracking or severe hydrotreating.
None of the oils requires a cancer warning under OSHA, NTP and IARC

Eyes	Practically non-irritating
Skin	Practically non-irritating
Oral Toxicity	No product toxicology data available
Inhalation	Do not cause respiratory irritation

SECTION XII : ECOLOGICAL INFORMATION

Eco Toxicity	Poor soluble mixture. Practically non-toxic to aquatic organisms.
Biodegradation	No data available

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SECTION XIII : DISPOSAL CONSIDERATIONS

Place contaminated materials in disposable containers and dispose off in a manner consistent with applicable regulations. Contact local environmental or health authorities for disposal of this material.

Do not weld, heat or drill container. Replace cap or bung. Emptied container still contains material which may ignite with explosive violence if heated sufficiently.

SECTION XIV : TRANSPORT INFORMATION

General Information Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes

SECTION XV : REGULATORY INFORMATION

Not Applicable

SECTION XVI : OTHER INFORMATION

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