

DATE: 1998,

REVISION DATE: Jan 16, 2020

SAFETY DATA SHEET**VECO GRASSOL SG/CD**

SECTION 1		IDENTIFICATION OF THE SUBSTANCE, AND OF THE COMPANY	
1.1 Product Identifier		VECO GRASSOL SG/CD Viscosity SAE30	
1.2 Relevant identified uses of the substance or mixture and uses advised against		Lubrication oil, dedicated to spark ignition or autoignition motors. The product should not be used in ways other than those referred in Section 1.	
1.3. Distributor		Przedsiębiorstwo MODEX OIL 82-500 KWIDZYN ul. Sztumska 9 tel. +48 55 64 64 680 www.modex.com.pl veco@modex.com.pl	
1.4 Emergency Call		+48 55 64 64 680	
SECTION 2		HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture		Non-hazardous	
2.2 Label elements		Icons – N.A. (Not applicable) Warnings- N.A. Hazard statements – N.A. Precautionary statements – N.A. Supplemental Information - N.A.	
2.3.Other Hazards		Flammable with a high flash point	
SECTION 3		COMPOSITION / INFORMATION ON INGREDIENTS	
3.1 Substance		N.A.	
3.2 Mixture			
Substance	Identification number	Concentration	Classification according to EC Reg. No. 1272/2008
Distillates (petroleum), hydrotreated heavy paraffinic, baseoil - unspecified	WE 256-157-1 CAS 64742-54-7 Index no. 649-467-00-8 Registration no. 01-2119484627-25	50-90	Not classified as dangerous, contain less than 3% of DSMO,
Lubricating oils (petroleum), hydrocarbons >C25, solvent extracted, deasphalted, dewaxed, hydrogenated, baseoil - unspecified	WE 309-874-0 CAS 101316-69-2 Index no. 649-527-00-3 Registration no. 01-2119486948-13	50-90	Not classified as dangerous, contain less than 3% of DSMO,
Zinc bis [0-(6-methylheptyl)] bis [0-(sec-butyl)]	WE 298-577-9 CAS 93819-94-4 Index no. not applicable	0,1-0,8	Aquatic Chronic 2; H411 Eye Dam 1; H318 Skin Irrit. 2, H 315

	Registration no. 01-2119543726-33		
bis(nonylphenyl)amine	WE 253-249-4 CAS 36878-20-3 Index no. not applicable	0,2-0,4	Aquatic Chronic 2, H 411

SECTION 4	FIRST AID MEASURES
4.1 Description of the first aid measures:	
If inhaled	Move the victim to fresh air, keep him warm and calm, contact a doctor if disturbing symptoms occur
If swallowed	Do not induce vomiting, do not give milk, fat or alcohol, contact a doctor if disturbing symptoms occur
If on skin	Take off contaminated clothing, Wash contaminated skin with soap and water
If in eyes	Rinse contaminated eyes thoroughly with water at least 15 min, with open eyelids
SECTION 5	FIREFIGHTING MEASURES
5.1 Extinguishing media	Suitable: foams, water mist, dry agents, CO ₂ ; unsuitable: water – full jet
5.2 Special hazards	Products of incomplete combustion are carbon mono- and dioxide, carbon particles and/or unidentified organic and non-organic mixtures.
5.3 Advice for firefighters	Use general protection measures like chemical-resistant clothes and breathing apparatus. Do not allow residues to enter surface water, ground water and soil.
SECTION 6	ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material.
6.1.2 Clothing and equipment	Small spills - use standard working clothes, large spills – use special anti-static overalls, shoes and head, eye and face protection. Use respiratory mask or apparatus
6.2 Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Environmental precautions	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
SECTION 7	HANDLING AND STORAGE

7.1 Precautions for safe handling	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.
7.2 Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store and use only in equipment/containers designed for use with this product. Do not store in unlabeled containers.
7.3 Specific end-use	Not applicable
SECTION 8	EXPOSURE CONTROLS / PERSONAL PROTECTION
8.1. Control parameters	DNEL 5mg/m3; PNEC not applicable
8.2 Exposure parameters	Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment like respiratory mask or apparatus. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment.
Skin and hand protection	Recommended nitrile gloves. When the risk of skin exposure is high then chemical resistant aprons and/or impervious chemical suits and boots will be required.
Eye and Face protection	Safety glasses with side shields.
Thermal hazards	Use heat resistant gloves if there is a risk of exposure to hot product
Environmental exposure control	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume, scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
Physical state	Liquid
Odor	Typical for petroleum products
Color	Brown
Odor threshold	N.A.
pH	N.A.
Melting/freezing point	Below -24°
Initial boiling point and boiling range	200°-800°
Flash point	>190°

Flammability	N.A.
Lower and upper explosion limit	N.A.
Vapor pressure	N.A.
Density	N.A.
Relative vapor density	0,88
Solubility in water	No-soluble in water
Partition coefficient n-octanol/water	N.A.
Auto-ignition temperature	N.A.
Decomposition temperature	N.A.
Kinematic viscosity	>80
Explosive properties	N.A.
Oxidizing properties	N.A.
Other properties	N.A.
SECTION 10	STABILITY AND REACTIVITY
Reactivity	Does not undergo hazardous reactions under normal conditions
Chemical stability	Product is stable under normal conditions
Possibility of hazardous reactions	unknown
Conditions to avoid	Direct sunlight, open flame and ignition sources
Incompatible material	Strong oxidants
Hazardous decomposition products	Dangerous outcomes like carbon and sulphur oxide are formed at high temperature
SECTION 11	TOXICOLOGICAL INFORMATION
11.1 Acute toxicity	Mineral oil: LD50: > 5000mg/kg (oral); LC50: > 5,53 mg/l (inhalation); LD50: >5000mg/kg (dermal)
Skin irritation	No specific data
Eye damage	No specific data
Respiratory or skin sensation	No specific data
Germ cell mutagenicity	No specific data
Carcinogenicity	No specific data
Reproductive toxicity	No specific data
Toxicity for specific target organ – single exposure	Overexposure to the inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract. Ingestion of large quantities may cause nausea and diarrhea.
Toxicity for specific target organ – repeated exposure	Prolonged or repeated contact can defeat the skin and lead to irritation and/or dermatitis.
Aspiration hazards	No specific data
SECTION 12	ECOLOGICAL INFORMATION
Toxicity	Mineral oil: EC50: > 1000mg/l (invertebrates), 48h; NOEL: 100mg/l Daphnia magna, 21 days; EC50: > 100mg/l algae, 72h; LC50: > 100mg/l fish, 96h; NOEL: >1000mg/l fish, 28 days
Persistence and degradability	limited
Bio accumulative potential	N.A.
Mobility in soil	May be hazardous if improperly stored
Results of PBT and vPvB assessments	NA.
Other adverse effects	N.A.
SECTION 13	DISPOSAL CONSIDERATION

13.1 Waste treatment methods	<p>Where possible, arrange for product to be recycled. Dispose of via an authorized person/licensed waste disposal contractor in accordance with local regulations. This material and its container must be disposed of in a safe way. Empty containers or liners</p> <p>may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.</p>
SECTION 14	TRANSPORT INFORMATION
RID/ADR	N.A.
UN number	N.A.
UN shipping name	N.A.
Transport hazard class	N.A.
Packing group	N.A.
Environmental hazards	N.A.
Special precautions for users	N.A.
SECTION 15	REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>EU Regulation (EC) No. 1907/2006 (REACH)</p> <p>Annex XIV - List of substances subject to authorization Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</p>
15.2 Chemical safety assessment	A Chemical Safety Assessment has not been carried out for the mixture itself.
SECTION 16	OTHER INFORMATION
Revision	January 2020
Abbreviations and acronyms	<p>ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway</p> <p>ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>ATE = Acute Toxicity Estimate</p> <p>BCF = Bioconcentration Factor</p> <p>CAS = Chemical Abstracts Service</p> <p>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]</p> <p>CSA = Chemical Safety Assessment</p> <p>CSR = Chemical Safety Report</p> <p>DMEL = Derived Minimal Effect Level</p>

	<p>DNEL = Derived No Effect Level</p> <p>EINECS = European Inventory of Existing Commercial chemical Substances</p> <p>ES = Exposure Scenario</p> <p>EUH statement = CLP-specific Hazard statement</p> <p>EWG = European Waste Catalogue</p> <p>GHS = Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>IATA = International Air Transport Association</p> <p>IBC = Intermediate Bulk Container</p> <p>IMDG = International Maritime Dangerous Goods</p> <p>LogPow = logarithm of the octanol/water partition coefficient</p> <p>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)</p> <p>OECD = Organisation for Economic Co-operation and Development</p> <p>PBT = Persistent, Bioaccumulative and Toxic</p> <p>PNEC = Predicted No Effect Concentration</p> <p>REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]</p> <p>RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>RRN = REACH Registration Number</p> <p>SADT = Self-Accelerating Decomposition Temperature</p> <p>SVHC = Substances of Very High Concern</p> <p>STOT-RE = Specific Target Organ Toxicity - Repeated Exposure</p> <p>STOT-SE = Specific Target Organ Toxicity - Single Exposure</p> <p>TWA = Time weighted average</p> <p>UN = United Nations</p>
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	<p>UVCB = Complex hydrocarbon substance</p> <p>VOC = Volatile Organic Compound</p> <p>vPvB = Very Persistent and Very Bioaccumulative</p> <p>Varies = may contain one or more of the following 64741-88-4 / RRN 01-2119488706-23,</p> <p>64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4/ RRN</p> <p>01-2119483621-38, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN</p> <p>01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN</p> <p>01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN</p> <p>01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN</p> <p>01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8,</p> <p>64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 /</p> <p>RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN</p>
Notice to reader	<p>All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information</p> <p>contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the</p> <p>accuracy or completeness of the data and information in this data sheet.</p> <p>The data and advice given apply when the product is sold for the stated application or applications. You should not use the</p> <p>product other than for the stated application or applications without seeking advice from BP Group.</p> <p>It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP</p>

	<p>Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material,</p> <p>from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the</p> <p>product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or</p> <p>using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be</p> <p>affected of any hazards described in this sheet and of any precautions that should be taken.</p>
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