MATERIAL SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: StahlSynt Ultra SAE 5W50
Product Use: Motor oil
Date of issue : 01.09.2011
Revision Date : 10.12.2012
Company Information: Sudheimer Car Technik Vertriebs GmbH
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:

CAS No.	EU No.	Name	Weight %	Symbols/Risk Phrases
-	Polymer	Polyolefin amide alkenamine	4,0-5,0	R52
68649-42-3	272-028-3	Zinc alkylditiophosphate	1,0-1,5	N; Xi; R38-41-51/53
-	ELINCS	Alkylated phenol	0,4-0,6	N; R51/53
122-39-4	204-539-4	Diphenylamine	0,05-0,10	N;T; R23/24/25-33-50/53

3. HAZARDS IDENTIFICATION

Symbols : Not applicable
Product Classification:
R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Inhalation: If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.
Skin Contact: Wash the skin with soap and water. Remove contaminated clothing as soon as possible. Seek medical advice if symptoms persist. Product in use under high pressure that has been forced under the skin, is aseriuos situation that requires IMMEDIATE hospitale treatment.
Eye contact: Rince with water for 10 – 15 minutes. Keep eys open.
Ingestion: DO NOT INDUCE VOMITING. Get medical advice.

5. FIRE FIGHTING MEASURES

Proper Fire Fighting Equipment: Foam, powder, carbon dioxide.
Improper Fire Fighting Equipment: Water
Fire and Explosion Hazards: Heated product can form flammable vapours. Combustion can produce irritating fumes. Carbon monoxide (CO) may be formed in the event of incomplete combustion.

Personal Protection When Fire Fighting: Use respiratory protection.
Other Information: Fire in closed areas should only be extinguished by trauned personal. Containers near a fire must be moved and/or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

Safetymeasurments to Protect Persons: Mark the spillage. Use personal protection as stated in section 8.
Safetymeasurments to Protect Enviroment: Contain the spillage using sand, soil or other suitable material. Avoid seepage into the drains. Collect the spillage using cloths or an oil absorbent material. Immediately inform the government agency (fire brigade) if the spillage escapes into the drains of waterways. At large spillage inform the government agency (fire brigade). Collect material to be handled as advised under section 13.

7. HANDLING AND STORAGE

Handling: Storage correctly to avoid spillage and oil vapours.
Storage: Best under cover. Store container on their side so that the filling bungs are under the fluid level.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure control: Ensure a high level of personal hygiene. Ensure good ventilation. Do not wear cloths that are contaminated with product. Do not put oil wet cloth/twist in your pocet. If there is a risc of direct contact or splashes, wear face visor or glogges, impervious gloves and protective clothing.
Eye protection: Use suitable face visor or goggels.
Skin protection: Oil impervious protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	green
Odour:	Oil. Faint
Density at 15 ^{0} C	0,847 g/ml
Solubility in water	Negligible
Pour point,	- 45°C
Flash point open cup (ASTM D-92)	224 °C
Viscosity at 100 °C	15.5 mm^2/s (cSt)

10. STABILITY AND REACTIVITY

Stability: Chemically stable.
Materials to Avoid : Strong oxidizing agents, water.
Hazardous Decomposition Products : When heated or during combustion carbon monoxide (CO) and other health hazardous compounds may be formed.

11. TOXICOLOGICAL INFORMATION

General: Low oder of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis. Does not absorb in acute toxic amounts through the skin. Exposure to high concentrations of oil mist may cause irritation to the respiratory organ. Exposure to the eye is slightly irritating, but does not injurte eye tissue. Continous or repeated skin contact combined with poor personal hygiene may couse dermatitis like eczema and oil acne. Used oil may contain harmfuil contaminants.

Skin contact: Product that under high pressure has been forced under the skin, may cause serious cell damage/death under the skin. Often or prolonged skin contact with used engine oils can cause cancer of the skin.

12. ECOLOGICAL INFORMATION

Mobility: Low solubility in water, floats on water.
Persistence/Degradability: Potentially degradable, but will persist in the enviroment for long periods.
Accumulation: Contain components with the potential to bioaccumulate. (logPow > 3)
Ecotoxity: Not harmful to aquatic organisms. Expected LC/EC 50 value > 100 mg/l.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Recover and reclaim or recycle, if practical. Do not allow runoff to sewer, waterway or ground. Confirm disposal procedures with enviromental engineer and local regulations.
Contaminated packaging: Drums that are to be recycled must be thoroughly evacuated. Turn emty drum up side down, somewhat leaning (ca 10) with opening in lowest position. Let remaining products run out until drum is drip-free. Do not reseal without ventilating at a place free from ignition sourses. See section 7 for further instructions.

14. TRANSPORT INFORMATION

General: Not classified as dangerous goods according to ADR/RID/IMDG/IATA
Road transport UN No : -

15.REGULATORY INFORMATION

Label for suplply: Not applicable
Risk phrases:
R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in themaquatic environment.
Safety phrases:
S45 – In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S57- Use appropriate containment to avoid environmental contamination.
S61 – Avoid release to the environment. Refer to special instructions/Safety data sheets

16. OTHER INFORMATION

Explanations of R-phrases in section 2:
R22 – Harmful if swallowed
R23/24/25 – Harmful by inhalation, in contact with skin and if swallowed.
R33 – Danger of cumulative effects.
R38 – Irritating to skin.
R41- Risk ofserious damage to eye.
R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic enviroment.
R52 – Harmful to aquatic organisms.
R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic enviroment.
Information Sources: The Classification and Labelling of Petroleum Subsstances to the EU Dangerous Substance Directive. Information from raw material suppliers.

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and enviromental requirements only. It should not therefore be construed as quaranteeing any specific property of product. Reciever of our product is responsible for that applicable laws and regulations are being followed.