

MATERIAL SAFETY DATA SHEET

CHIEF OIL PAWNEE SYNTHETIC HPD SAE 5W40	Revision date: 24/02/2010 Replaces: /
	RESPONSIBLE COMPANY: RUSCOFORCE NV Industrieweg 2 BE-3620 Lanaken Belgium Phone:+32.89.73.05.50 Fax:+32.89.73.05.56 Emergency phone worldwide:+32.70.245.245 E-mail:info@ruscoforce.com Website:www.ruscoforce.com

1. IDENTIFICATION OF THE PRODUCT:

Identification : liquid compound
Kind of product : oil
Concentration in use : 100 %

2. HAZARDS IDENTIFICATION:

This is a hazardous preparation with following risks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION AND INFORMATION ON DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS N°	EINECS N°
Phenol, 2,2'-polythiobis[4-C8-30-alkyl derivs., calcium salts, overbased	2,5 - 10		53	90480-91-4	291-829-9
Polyolefin polyamine succinimide, borated	0,5 - 2,5	N	51/53	/	
Polyolefine polyamine succinimide Polyol	2,5 - 10		53	-	-
Zincalkyldithiophosphate	0,5 - 2,5	Xi, N	38-41-51/53	68649-42-3	272-028-3
Zincalkylaryldithiophosphate	0,1 - 1	N	51/53	98073-07-5	308-565-8

4. FIRST AID MEASURES:

Always ask medical advice as soon as possible should serious or continuous disturbances occur
Skin contact : remove contaminated clothing, rinse skin with plenty of water
Eye contact : rinse first with plenty of water and seek medical attention
Ingestion : rinse mouth with water and and seek medical attention
Inhalation : in case of serious or continous discomforts: remove to fresh air and seek medical attention

5. FIRE FIGHTING MEASURES :

Fire extinguishing agents : non flammable
Extinguishing agents to be avoided : none
Special preventive measures in case of fire : none

6. ACCIDENTAL RELEASE MEASURES:

Preventive measures : keep in a sealed container, out of reach of children

Personal safety measures : no eating, drinking or smoking during work

Environmental measures : do not allow to flow into sewers or open water

Measures in case of leakage : remove by using absorbent material

7. HANDLING AND STORAGE:

Special preventive measures in handling and storing : keep in a sealed container in a closed, frost-free, ventilated room

Packing materials to be avoided : none

Preventive measures : handle with care to avoid spillage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Inhalation protection : none

Skin protection : none

Eye protection : none

Other protection : none

Follows a list of the hazardous elements mentioned

sub 3. of which the TLV value is known :

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9. PHYSICAL AND CHEMICAL PROPERTIES:

Melting point/melting range, °C	: /
Boiling point/Boiling range, °C	: /
pH	: /
pH 1% diluted in water	: /
Vapour pressure/20°C, Pa	: /
Relative density/20°C	: 0,900
Physical state/20°C	: liquid
Flash point, °C	: /
Ignition point, °C	: /
Solubility in water	: insoluble
Odour	: characteristic
Dynamic viscosity, mPa.s/20°C	: /
Kinematic viscosity, mm ² /s/20°C	: /
Volatile organic component (VOC), %	: No data available
Volatile organic component (VOC), g/l	: No data available

10. STABILITY AND REACTIVITY:

Dangerous reactions with : none known
Circumstances to be avoided : none known

11. TOXICOLOGICAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 3
Calculated acute toxicity, LD50 Oral Rat: No data available mg/kg

12. ENVIRONMENTAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 3
Biological degradability : not applicable
Water hazard class, WGK: No data available

13. DISPOSAL CONSIDERATIONS:

Draining into the sewers is not permitted. Removal should be carried out by licensed services.
Possible restrictive regulations by local authority should always be adhered to.

14. TRANSPORT INFORMATION:

Class & number	:	, /
Identification number of the hazard	:	/
Identification number of the substance	:	ADR not applicable, /, /
Labels	:	/

15. REGULATORY INFORMATION:

Labels:

None

Risk phrases

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases

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S29 Do not empty into drains.

S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Contains

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16. OTHER INFORMATION:

R-Phrases, mentioned in point 3, not of application on the preparation.

Risks connected to the preparation and its hazardous components : R38 Irritating to skin. R41 Risk of serious damage to eyes. R51 Toxic to aquatic organisms. R52 Harmful to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment.

Reason of revision, changes of following items: 9, 16

Composition by regulation (EC) No 648/2004: /

This safety information sheet has been compiled in accordance with annex II of the REACH-directive EG 1907/2006. Classification has been calculated in accordance with the European directive 67/548/EWG, 1999/45/EC and regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care, we cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. It is the responsibility of the user to take the necessary measures in order to comply with the local laws and regulations. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.

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