

MATERIAL SAFETY DATA SHEET

CHIEF OIL HOKAN GL-4



Revision date: 19/01/2010

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.co](mailto:info@ruscoforce.co)

[Website:www.ruscoforce.com](http://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 harmless preparation. Normally no risks are to be expected, minor discomfort may occur.

3. COMPOSITION AND INFORMATION ON DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS N°	EINECS N°
Alkyldithiothiadiazole	0,1 - 1	Xi	43		
Alkylphosphate	0,1 - 1	C	34	/	
Long Chain Alkyl Amine	0,1 - 1	T, N	23/24-48/20-43-50/53	/	
Long Chain Alkenyl Amine	0,1 - 1	C, N	35-50	/	

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 continuous 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	: -20
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: / 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: /

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

/ none

Safety phrases

/ none
Contains (alkyldithiodhiadiazole). May produce an allergic reaction.
Contains (Long Chain Alkyl Amine) May produce an allergic reaction.

Contains

/

16. OTHER INFORMATION:

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

Risks connected to the preparation and its hazardous components : R20 Harmful by inhalation. R23 Toxic by inhalation. R24 Toxic in contact with skin. R34 Causes burns. R35 Causes severe burns. R43 May cause sensitisation by skin contact. R48 Danger of serious damage to health by prolonged exposure. R50 Very toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment.

Reason of revision, changes of following items: /

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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