

MATERIAL SAFETY DATA SHEET

CHIEF OIL CARRIER DIESEL FLOW IMPROVER

Revision date: 19/02/2010
Replaces: /



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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: Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed Vapours may cause drowsiness and dizziness

3. COMPOSITION AND INFORMATION ON DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS N°	EINECS N°
Naphta: distillates, hydrotreated light	25 - 50	Xn	65-66	64742-47-8	265-149-8
turpentine	25 - 50	Xn, N	10-20/21/22-36/38-43-51/53-65-67	8006-64-2	232-350-7

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 : CO2, foam, powder
Extinguishing agents to be avoided : water
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 : universal mask

Skin protection : gloves, chemical proof

Eye protection : goggles

Other protection : protective clothing

Follows a list of the hazardous elements mentioned sub 3. of which the TLV value is known :



- turpentine 564 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES:

Melting point/melting range, °C	: -20
Boiling point/Boiling range, °C	: 154 - 240
pH	: /
pH 1% diluted in water	: /
Vapour pressure/20°C, Pa	: 1900
Relative density/20°C	: 0,900
Physical state/20°C	: liquid
Flash point, °C	: 38
Ignition point, °C	: 165
Solubility in water	: insoluble
Odour	: characteristic
Dynamic viscosity, mPa.s/20°C	: 1
Kinematic viscosity, mm ² /s/20°C	: 1
Volatile organic component (VOC), %	: 100
Volatile organic component (VOC), g/l	: 900

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: 800 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: 2

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	:	3, III
Identification number of the hazard	:	33
Identification number of the substance	:	UN 3295, Hydrocarbons liquid, n.o.s., mixture with turpentine and White Spiit, 3, III, (D/E)
Labels	:	3



15. REGULATORY INFORMATION:

Labels:



Harmful



Dangerous to the environment

Risk phrases

R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness

Safety phrases

S2	Keep out of reach of children.
S23	Do not breathe spray.
S24	Avoid contact with skin.
S29	Do not empty into drains.
S36/37	Wear suitable protective clothing and gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S61	Avoid release to the environment. Refer to special instructions/ Safety data sheets. Contains (turpentine) May produce an allergic reaction.

Contains

Naphta: distillates, hydrotreated light
turpentine

16. OTHER INFORMATION:

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

Risks connected to the preparation and its hazardous components : R10 Flammable. R20 Harmful by inhalation. R21 Harmful in contact with skin. R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R51 Toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed R66 Repeated exposure may cause skin dryness or cracking R67 Vapours may cause drowsiness and dizziness

Reason of revision, changes of following items: /

Composition by regulation (EC) No 648/2004: Aliphatic hydrocarbons >30%

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.

MSDS reference number : ECM-104765-E

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