

Productname : MOTOR FLUSH
Ref.Nr.: BB13350-3-250408
Creationdate : 25.04.08
Replaces: 31.10.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : MOTOR FLUSH
Bulk

Application : Cleaners - Heavy duty

Company : CRC Industries Europe bvba
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CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

Environment : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
3-butoxypropan-2-ol; propylene glycol monobutyl ether	5131-66-8	225-878-4	<20	Xi	36/38	
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	30-60	Xn	65-66	B
Solvent naphtha (petroleum), heavy arom. (benzene<0.1%)	64742-94-5	265-198-5	<20	Xn,N	51/53-65-66-67	B



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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
zinc alkyl dithiophosphate	68649-42-3	272-028-3	<2.5	Xi	36/38	
mineral oil (IP 346 DMSO extract < 3%)	-	-	5-10	-	-	B
Explanation notes						
B : substance with national established workplace exposure limit						

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice : If symptoms persist always call a doctor

Contact with eyes : If substance has got into eyes, immediately wash out with plenty of water

Contact with skin : Wash with water and soap.
Seek medical attention if irritation persists

Inhalation : Keep warm and at rest
Seek medical attention if ill effects occur

Ingestion : If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): 65 °C (Closed Cup)

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure adequate ventilation
Shut off all ignition sources

Environmental precautions : Do not allow to enter public sewers and watercourses

Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures : The usual precautions for handling chemicals should be observed
Use only in well ventilated areas
Do not breathe aerosols or vapours.
Avoid contact with skin and eyes.



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Storage procedures : Keep out of reach of children.
Keep in a cool, dry place

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Ensure adequate ventilation

Personal protection : It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Use only in well ventilated areas

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
(Filter type AX)

hands and skin : Wear suitable protective gloves
(nitrile)

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : Liquid

colour : amber

odour : solvent

Melting point/range : <-20 °C

Boiling point/range : not available

Relative density : 0.823 g/cm³ (@ 20°C)

pH : not applicable

Vapour pressure : not available

Relative vapour density : not available

Solubility in water : Insoluble in water

Flash point : 65 °C (Closed Cup)

Auto-ignition : > 200 °C

Viscosity : not available

Evaporation rate : not available

10. STABILITY AND REACTIVITY

Conditions to be avoided : Avoid overheating

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : CO,CO₂

11. TOXICOLOGICAL INFORMATION

Inhalation : Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness



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Ingestion : After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin contact : Prolonged skin contact will result in defatting of the skin

12. ECOLOGICAL INFORMATION

Other adverse effects : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product : Do not empty into drains.
This material and its container must be disposed of in a safe way.
Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

Road/Rail - ADR/RID : ---- Not classified
Sea - IMDG : ---- Not classified
Air - IATA/ICAO : ---- Not classified

15. REGULATORY INFORMATION

Warning symbol(s) : Xn

Risk-phrase(s) : R52/53: Harmful to aquatic organisms, 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.

Safety-phrase(s) : S2: Keep out of the reach of children.
S23: Do not breathe vapour.
S24: Avoid contact with skin.
S35: This material and its container must be disposed of in a safe way.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Contains : hydrocarbons



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16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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REVISIONS IN CHAPTRE :

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*Explanation risk-phrases:

R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, 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.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.