

# MATERIAL SAFETY DATA SHEET

## Chief Oil Arapaho Eco Grease Ca2

Date issued: 30/06/2003

Date revised: 28/08/2008



Directive 91/155/EEC

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

#### 1.1 Identification of the substance or preparation:

**Product name:** Chief Oil Arapaho Eco Grease Ca2

#### 1.2 Use of the substance or preparation:

Grease

#### 1.3 Company/undertaking identification:

Ruscoforce NV  
Industrieweg 2  
B-3620 Lanaken  
Belgium  
Phone: +32 – (0)89 – 730550  
Fax: +32 – (0)89 – 730556  
E-mail: info@ruscoforce.com

#### 1.4 Emergency telephone:

Poisons Centre  
Rue Bruynstraat  
B -1120 Brussel / Bruxelles  
Belgium  
Phone: +32 - (0)70 - 245245

### 2. HAZARDS IDENTIFICATION

Effects on health:

When used under normal circumstances the natural oils and components of this product doesn't form any acute poisoning threat. It isn't irritating to eyes nor to the skin.

Effects on the environment :

Test have shown that there is little danger to life in water and on land and that the product is biodegradable. Nevertheless legislation prohibits to drain fat in the environment.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product based on vegetal oils, Ca soap type & additives

Doesn't contain any hazardous components.

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### 4. FIRST AID MEASURES

**Inhalation:**

In case of inhalation of fumes, terminate the exposure and go in de fresh air immediately.  
Inhalation of fumes, vapours or aerosols can cause slight irritation of the respirations ways.

**Ingestion:**

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
Do not give water.

**Skin contact:**

Remove contaminated clothing and wash thoroughly the skin with soap or detergent and water.  
Wash thoroughly the skin with water and soap.

**Eye contact:**

Flush thoroughly with running water during 15 minutes (including under eyelids).

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

CO2 , foam or dry chemicals.

**Extinguishing media which must not be used for safety reasons:**

Do not use water jet.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:**

Smoke and carbon monoxide may be formed in the event of incomplete combustion.

**Special protective equipment for fire-fighters:**

Wear an approved autonomous breathing apparatus and protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Avoid contact with skin and eyes.  
Take off immediately all contaminated clothing.

**Environmental precautions:**

Prevent this product from entering into contact with surface waters

**Methods for cleaning up:**

To clean the floor and all objects contaminated by this material, use sand, active clay .

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## 7. HANDLING AND STORAGE

### 7.1 Handling

A sufficient ventilation must guarantee an exposure which do not exceed the acceptable limit.

Keep away from combustible material.

Keep away from food, drink and animal feeding stuffs.

Take precautionary measures against static discharges.

### 7.2 Storage

Keep away from sources of ignition - No smoking.

Store in a closed packing and away from heath sources.

Avoid high temperatures and humidity.

Keep container tightly closed and dry.

### 7.3 Specific use(s)

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Exposure limit values

Sufficient ventilation should be provided in order to maintain fumes concentration in the air bellow the occupational exposure limit.

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

##### 8.2.1.1 Respiratory protection:

Inhalation of vapours or fumes has to be avoided through accurate ventilation and safe working circumstances.

##### 8.2.1.2 Hand protection:

Wear rubber gloves.

##### 8.2.1.3 Eye protection:

Wear safety glasses if eye contact is possible.

##### 8.2.1.4 Skin protection:

Overall, or similar full-body work clothes, gloves and shoes.

#### 8.2.2 Environmental exposure controls

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 General information

Appearance: Tacky / green  
Odour: Minimal

#### 9.2 Important health, safety and environmental information

pH: Not applicable  
Boiling point / boiling range: Not applicable  
Flash point: Base oil : > 220°C  
Flammability (solid, gas): Not applicable  
Explosive properties:  
  
Oxidizing properties: Not applicable  
Vapour pressure: Not applicable  
Relative density: 0,950 (15°C)  
Solubility: - watersolubility: insoluble in water  
Solubility: - fatsolubility (solvent-oil): insoluble in water  
Partition coefficient (n-octanol/water): Not applicable

#### 9.3 Other information

Miscibility: Mixes with similar oils.  
Conductivity: Not applicable  
Melting point / melting range: Not applicable  
Gas group: Not applicable  
Auto-ignition temperature: unknown  
Other data:

### 10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid:** Keep away from heat sources, open flames and other sources of ignition.
- 10.2 Materials to avoid:** Avoid contact with strong oxidants.
- 10.3 Hazardous decomposition products:** Incomplete burning can cause formation of dangerous gasses like CO, CO<sub>2</sub>, different KWS, aldehyde and also soot.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Inhalation : low risk under normal circumstances

Ingestion : LD<sub>50</sub> >2000 mg/kg at rats

### LOCAL EFFECTS

Inhalation: strong vapour concentrations or aerosols can be irritating to lungs.

Eye contact : dependable on the situation

Skin contact : dependable on the situation

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

Aquatic organisms, Algae IC50 (72 h): Unknown

Aquatic organisms, Daphnia magna EC50 (48h): Unknown

Aquatic organisms, Fish LC50 (96h): 100 mg/l

Plants and terrestrial animals: Unknown

Soil organisms: Unknown

Impact on sewage treatment plants: Unknown

### 12.2 Mobility:

Known or predicted distribution to environmental compartments:

Low range of mobility in the soil. Some components can penetrate the soil and cause pollution of the ground water.

Surface tension: Not applicable

Absorption/adsorption: Not applicable

### 12.3 Persistence and degradability:

Not easily biodegradable.

### 12.4 Bioaccumulative potential:

Base oil components are probably not dangerous for water organisms. Some additives may be dangerous for the aquatic environment.

### 12.5 Other adverse effects:

Ozone depletion potential: Not applicable

Photochemical ozone creation potential: Not applicable

Global warming potential: Not applicable

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## 13. DISPOSAL CONSIDERATIONS

Waste disposal methods must comply with national and local disposal or discharge laws.

## 14. TRANSPORT INFORMATION

**UN - number:**

PRODUCT IS NOT CLASSIFIED

**Proper shipping name:**

### IMDG

Class:

Other applicable information:

Marine pollutant:

### ADR

Class:

Other applicable information:

### RID

Class:

Other applicable information:

### ICAO/IATA

Class:

Other applicable information:

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## 15. REGULATORY INFORMATION

This Safety Data Sheet has been established in accordance with E. C. Directive nr. 91/155/ECC

Danger symbol:

Risk - sentences:

Safety - sentences:

Please refer to any other national regulations that may be applicable for this product.

Other regulatory information:

## 16. OTHER INFORMATION

Updates: Reach compliance

Recommended restrictions on use:

Further information (written references and/or technical contact point):

Source of key data used to compile the data sheet:

Information added, deleted or revised:

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The buyer assumes all risk in connection with the use and handling of the material.

The seller assumes no responsibility or liability in connection with the information supplied in this sheet or for any damage or injury caused by the material; reasonable safety procedures should be followed.

The seller assumes no responsibility for injury or damage caused by use of the material, even if reasonable safety procedures are followed.

The information contained in this sheet is developed from what is believed to be accurate and reliable sources but the seller makes no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.