

# SAFETY DATA SHEET

Based on Directive 2001/59/EC of the Commission of the European Communities

T19-244  
**(50194)**

## CAR STAR

### 1. Identification of the substance/preparation and of the company/undertaking

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

Synonyms : Car Star snelglans polish , Diamant vax i Sverige ,  
Car Star super shine

CAS No. : N.A.  
EC index No. : N.A.  
EINECS No. : N.A.  
RTECS No. : N.A.

NFPA code : N.D.  
Molecular weight : N.A.  
Formula : N.A.

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

Wax  
Metal surface treatment

**1.3 Company/undertaking identification:**

S. Van Gossem

*1 Sverige*

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### 2. Composition/information on ingredients

Hazardous ingredients	CAS No. EINECS/ELINCS No.	Conc. in %	Hazard symbol	Risks (R-phrases)
kaolinite	1318-74-7 215-286-4	1 - 10	-	-
2-chloroacetamide	79-07-2 201-174-2	< 0.1	T	25-43-62 (1)
kerosine, unspecified	64742-47-8 265-149-8	< 15	Xn	65-66 (1)

(1) For R-phrases in full; see heading 16

### 3. Hazards identification

- No hazard classification in accordance with directives 67/548/EEC and 1999/45/EC

Printing date	: 02-2005	
Compiled by	: Brandweerinformatiecentrum.voor Gevaarlijke Stoffen vzw (BIG)	1/8
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MSDS established	: 11-02-2005	Revision date : -
Reference number	: BIG\41877GB	Revision number : 000
Reason for revision	: -	

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## 4. First aid measures

- 4.1 Eye contact:**
- Consult a doctor/medical service if irritation persists
  - Rinse immediately with plenty of water
  - Do not apply neutralizing agents
- 4.2 Skin contact:**
- Consult a doctor/medical service if irritation persists
  - Soap may be used
  - Wash immediately with lots of water
- 4.3 After inhalation:**
- Consult a doctor/medical service if breathing problems develop
  - Remove the victim into fresh air
  - Unconscious: maintain adequate airway and respiration
- 4.4 After ingestion:**
- Consult a doctor/medical service if you feel unwell
  - Never give water to an unconscious person

## 5. Fire-fighting measures

- 5.1 Suitable extinguishing media:**
- Water spray
  - Polyvalent foam
  - BC powder
  - Carbon dioxide
- 5.2 Unsuitable extinguishing media:**
- Container may slop over if solid jet is applied
- 5.3 Special exposure hazards:**
- No data available
- 5.4 Instructions:**
- No specific firefighting instructions required
- 5.5 Special protective equipment for firefighters:**
- Heat/fire exposure: compressed air/oxygen apparatus
  - Protective clothing for exposure to chemicals

## 6. Accidental release measures

- 6.1 Personal protection/precautions:**
- See heading 8.2/8.3
- 6.2 Environmental precautions:**
- Contain leaking substance
- 6.3 Methods for cleaning up:**
- Take up liquid spill into absorbent material
  - Scoop absorbed substance into closing containers
  - Clean contaminated surfaces with an excess of water
  - Wash clothing and equipment after handling

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## 7. Handling and storage

### 7.1 Handling:

- Observe strict hygiene

### 7.2 Storage:

- Keep container tightly closed
- Protect against frost
- Meet the legal requirements
  
- Keep away from: heat sources

Storage temperature : > 5 °C  
Quantity limits : N.D. kg  
Storage life : N.D. days  
Materials for packaging :

- suitable : synthetic material, polyethylene

- to avoid : no data available

### 7.3 Specific uses:

- Used for polishing cars - motorcycles - boats - caravans and metals like chromium & aluminium

## 8. Exposure controls/Personal protection

### 8.1 Exposure limit values:

#### KAOLINITE:

TLV-TWA	: 3 R/10 I	mg/m <sup>3</sup>		ppm
TLV-STEL	: -	mg/m <sup>3</sup>		ppm
OES-LTEL	: 4 R/10 I	mg/m <sup>3</sup>	-	ppm
OES-STEL	: -	mg/m <sup>3</sup>	-	ppm
MAK	: 1.5 A/4 E	mg/m <sup>3</sup>		ppm
TRK	:	mg/m <sup>3</sup>		ppm
MAC-TGG 8 h	: 5 R/10 I	mg/m <sup>3</sup>		
VME-8 h	: 5 A/10 T	mg/m <sup>3</sup>	-	ppm
VLE-15 min.	: -	mg/m <sup>3</sup>	-	ppm
GWBB-8 h	: 3 R/10 I	mg/m <sup>3</sup>	-	ppm
GWK-15 min.	: -	mg/m <sup>3</sup>	-	ppm
NGV	: 5 T	mg/m <sup>3</sup>		ppm
TGV	:	mg/m <sup>3</sup>		ppm
KTV	:	mg/m <sup>3</sup>		ppm

#### GLYCEROL:

TLV-TWA	: 10 (mist)	mg/m <sup>3</sup>		ppm
TLV-STEL	: -	mg/m <sup>3</sup>		ppm
OES-LTEL	: 10 (mist)	mg/m <sup>3</sup>	-	ppm
OES-STEL	: -	mg/m <sup>3</sup>	-	ppm
MAC-TGG 8 h	: 10 (nevel)	mg/m <sup>3</sup>		
VME-8 h	: 10 (aërosol)	mg/m <sup>3</sup>	-	ppm
VLE-15 min.	: -	mg/m <sup>3</sup>	-	ppm
GWBB-8 h	: 10 (nevel)	mg/m <sup>3</sup>	-	ppm
GWK-15 min.	: -	mg/m <sup>3</sup>	-	ppm
NGV	:	mg/m <sup>3</sup>		ppm
TGV	:	mg/m <sup>3</sup>		ppm
KTV	:	mg/m <sup>3</sup>		ppm

# CAR STAR

## Sampling methods:

- |   |            |
|---|------------|
| - Kerosene (Naphthas)                       | NIOSH 1550 |
| - Kerosene                                  | OSHA CSI   |
| - Glycerin Mist (Particulates)              | NIOSH 600  |
| - Glycerin Mist (Respirable and total dust) | OSHA CSI   |

## 8.2 Exposure controls:

### 8.2.1 Occupational exposure controls:

- Measure the concentration in the air regularly
- Work under local exhaust/ventilation

### 8.2.2 Environmental exposure controls: see heading 13

## 8.3 Personal protection:

### 8.3.1 respiratory protection:

- Respiratory protection not required in normal conditions

### 8.3.2 hand protection:

- Gloves

### 8.3.3 eye protection:

- Safety glasses

### 8.3.4 skin protection:

- Protective clothing

## 9. Physical and chemical properties

### 9.1 General information:

Appearance (at 20°C)	: Liquid
Odour	: Almost odourless
Colour	: Off-white

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

pH value	: N.D.	
Boiling point/boiling range	: N.D.	°C
Flashpoint	: > 70	°C
Explosion limits	: N.D.	vol%
Vapour pressure (at 20°C)	: N.D.	hPa
Vapour pressure (at 50°C)	: N.D.	hPa
Relative density (at 20°C)	: N.D.	
Water solubility	: Emulsifiable in water	
Soluble in	: No data available	
Relative vapour density	: N.D.	
Viscosity	: N.D.	Pa.s
Partition coefficient n-octanol/water	: N.D.	
Evaporation rate		
ratio to butyl acetate	: N.D.	
ratio to ether	: N.D.	

### 9.3 Other information:

Melting point/melting range	: N.D.	°C
Auto-ignition point	: N.D.	°C
Saturation concentration	: N.D.	g/m <sup>3</sup>

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## 10. Stability and reactivity

### 10.1 Conditions to avoid/reactivity:

- Stable under normal conditions

### 10.2 Materials to avoid:

- Keep away from: heat sources

### 10.3 Hazardous decomposition products:

- Upon combustion formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours, hydrogen chloride

## 11. Toxicological information

### 11.1 Acute toxicity:

#### GLYCEROL:

LD50 oral rat	: 12600	mg/kg
LD50 dermal rabbit	: >10000	mg/kg

#### OLEIC ACID:

LD50 oral rat	: > 19200	mg/kg
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### 11.2 Chronic toxicity:

EC carc. cat.	: not listed
EC muta. cat.	: not listed
EC repr. cat.	: not listed

Carcinogenicity (TLV)	: not listed
Carcinogenicity (MAC)	: not listed
Carcinogenicity (VME)	: not listed
Carcinogenicity (GWBB)	: not listed

Carcinogenicity (MAK)	: not listed
Mutagenicity (MAK)	: not listed
Teratogenicity (MAK)	: not listed

IARC classification	: not listed
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11.3 Routes of exposure: ingestion, inhalation, eyes and skin

### 11.4 Acute effects/symptoms:

AFTER SKIN CONTACT:  
- Slight irritation

### 11.5 Chronic effects:

- May produce an allergic reaction
- Not listed in carcinogenicity class (IARC, EC, TLV, MAK)
- Not listed in mutagenicity class (EC, MAK)
- Not classified as toxic to reproduction (EC)

#### ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

- Skin rash/inflammation

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## 12. Ecological information

### 12.1 Ecotoxicity:

#### GLYCEROL:

- LC50 (96 h) : 54000 mg/l (SALMO GAIRDNERI)
- EC50 (24 h) : >10000 mg/l (DAPHNIA MAGNA)

### 12.2 Mobility:

- Volatile organic compounds (VOC): 15 %
- Emulsifiable in water

For other physicochemical properties see heading 9

### 12.3 Persistence and degradability:

- biodegradation BOD<sub>5</sub> : N.D. % ThOD
- water : Readily degradable in water
- soil : T<sub>1/2</sub>: N.D. days

### 12.4 Bioaccumulative potential:

- log P<sub>ow</sub> : N.D.
- BCF : N.D.

### 12.5 Other adverse effects:

- WGK : 2 (Classification based on the components as per Verwaltungsvorschrift wassergefährdender Stoffe (VwVWS) of 17 May 1999)
- Effect on the ozone layer : Not dangerous for the ozone layer (1999/45/EC)
- Greenhouse effect : no data available
- Effect on waste water purification : no data available

## 13. Disposal considerations

### 13.1 Provisions relating to waste:

- Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 12 01 12\* (spent waxes and fats)

### 13.2 Disposal methods:

- Recycle/reuse
- Do not discharge into drains or the environment

### 13.3 Packaging/Container:

- Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10\* (packaging containing residues of or contaminated by dangerous substances)

# CAR STAR

## 14. Transport information

- 14.1 Classification of the substance in compliance with UN Recommendations  
UN number : -  
CLASS : NOT SUBJECT  
SUB RISKS :  
PACKING :  
PROPER SHIPPING NAME :
- 14.2 ADR (transport by road)  
CLASS : NOT SUBJECT  
PACKING :  
CLASSIFICATION CODE :  
DANGER LABEL TANKS :  
DANGER LABEL PACKAGES :
- 14.3 RID (transport by rail)  
CLASS : NOT SUBJECT  
PACKING :  
CLASSIFICATION CODE :  
DANGER LABEL TANKS :  
DANGER LABEL PACKAGES :
- 14.4 ADN (transport by inland waterways)  
CLASS : NOT SUBJECT  
PACKING :  
CLASSIFICATION CODE :  
DANGER LABEL TANKS :  
DANGER LABEL PACKAGES :
- 14.5 IMDG (maritime transport)  
CLASS : NOT SUBJECT  
SUB RISKS :  
PACKING :  
MFAG :  
EMS :  
MARINE POLLUTANT :
- 14.6 ICAO (air transport)  
CLASS : NOT SUBJECT  
SUB RISKS :  
PACKING :  
PACKING INSTRUCTIONS PASSENGER AIRCRAFT :  
PACKING INSTRUCTIONS CARGO AIRCRAFT :
- 14.7 Special precautions in connection with transport : not restricted for any mode of international transport

## 15. Regulatory information

Classification according to directives 67/548/EEC and 1999/45/EC

NOT REQUIRED ACCORDING TO AVAILABLE INFORMATION

## 16. Other information

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

N.A. = NOT APPLICABLE  
 N.D. = NOT DETERMINED  
 (\*) = INTERNAL CLASSIFICATION (NFPA)

### Exposure limits:

ELV : Threshold Limit Value - ACGIH USA 2004  
 OES : Occupational Exposure Standards - United Kingdom 2003  
 MEL : Maximum Exposure Limits - United Kingdom 2003  
 MAK : Maximale Arbeitsplatzkonzentrationen - Germany 2002  
 TRK : Technische Richtkonzentrationen - Germany 2002  
 MAC : Maximale aanvaarde concentratie - The Netherlands 2004  
 VME : Valeurs limites de Moyenne d'Exposition - France 1999  
 VLE : Valeurs limites d'Exposition à court terme - France 1999  
 GWBB : Grenswaarde beroepsmatige blootstelling - Belgium 2002  
 GWK : Grenswaarde kortstondige blootstelling - Belgium 2002  
 EC : Indicative occupational exposure limit values - directive 2000/39/EC

I : Inhalable fraction = T: Total dust = E: Einatembarer Aerosolanteil  
 R : Respirable fraction = A: Alveolengängiger Aerosolanteil/Alveolar dust  
 C : Ceiling limit

a:	aerosol	r:	rook/Rauch	(fume)
d:	damp (vapour)	st:	stof/Staub	(dust)
du:	dust	ve:	vezel	(fibre)
fa:	Faser (fibre)	va:	vapour	
fi:	fibre	om:	oil mist	
fu:	fume	on:	olienevel/Ölnebel	(oil mist)
p:	poussière (dust)	part:	particles	

### Chronic toxicity:

K : List of the carcinogenic substances and processes - The Netherlands 2004

### Full text of any R-phrases referred to under heading 2:

R10 : Flammable  
 R25 : Toxic if swallowed  
 R43 : May cause sensitisation by skin contact  
 R62 : Possible risk of impaired fertility  
 R65 : Harmful: may cause lung damage if swallowed  
 R66 : Repeated exposure may cause skin dryness or cracking