

<b>Productname :</b>	TIRE SHINE	<b>Creationdate :</b>	31.10.07
<b>Ref.Nr.:</b>	AB15250-3-311007	<b>Replaces:</b>	26.10.07

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** TIRE SHINE  
Aerosol

**Application :** Car Care

**Company :** CRC Industries Europe bvba  
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## 2. HAZARD IDENTIFICATION

**Health and Safety :** Extremely Flammable  
(propane/butane propellant)

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

**Other hazards :** (alkaline product)  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.  
Without adequate ventilation formation of explosive mixtures may be possible.

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
pentane	109-66-0	203-692-4	1-5	F+,Xn,N	12-51/53-65-66-67	A



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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
Naphtha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	1-5	F,Xn,N	11-38-51/53-65-67	B,P
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	10-20	F+	12	K
alkyloxypolyethyleneoxyethanol	84133-50-6 (polymer)		1-5	Xi	36/38	
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)						

Note H and P of Annex I (67/548/EEC) apply for the naphtha's in this product.

(\* Explanation risk-phrases : see chapter 16)

#### 4. FIRST AID MEASURES

**General Advice :** The usual precautions for handling chemicals should be observed  
If any symptoms should occur, seek medical advice.

**Contact with eyes :** If substance has got into eyes, immediately wash out with water for at least 15 minutes  
Seek medical attention if irritation persists

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

**Inhalation :** Fresh air, keep warm and at rest.

**Ingestion :** Ingestion is unlikely to occur  
If swallowed accidentally, do not induce vomiting and seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

**Flash point (without propellant):** < 0 °C

**Explosion limits : upper limit :** not available



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**lower limit :** not available  
**Extinguishing media :** water, foam, carbon dioxide or dry agent  
**Fire-fighting procedures :** Keep container(s) exposed to fire cool, by spraying with water  
**Unusual exposure hazard :** Aerosols may explode if heated above 50°C

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions :** Shut off all ignition sources  
Ensure adequate ventilation  
**Environmental precautions :** Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities  
**Cleaning methods :** Absorb spillage in suitable inert material

## 7. HANDLING AND STORAGE

**Handling procedures :** Use only in well ventilated areas  
Keep away from heat and sources of ignition  
Do not spray on a naked flame or incandescent material.  
Do not pierce or burn aerosols, even after use.  
Do not breathe aerosols or vapours.  
Avoid contact with skin and eyes.  
**Storage procedures :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Store frost free  
Keep out of reach of children.

## 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

### Exposure limits :

Hazardous ingredient	CAS-nr	method	
<b>EU established exposure limits:</b>			
pentane	109-66-0	TWA	1000 ppm

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

**Apperance : physical state :** propane/butane propelled liquid  
**colour :** white  
**odour :** Characteristic odour



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<b>Melting point/range :</b>	0 °C
<b>Boiling point/range :</b>	100 °C
<b>Relative density :</b>	0.99 g/cm3 (@ 20°C)
<b>pH :</b>	10
<b>Vapour pressure :</b>	not available
<b>Relative vapour density :</b>	not available
<b>Solubility in water :</b>	Soluble in water
<b>Flash point :</b>	< 0 °C
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	not applicable
<b>Evaporation rate :</b>	not available

## 10. STABILITY AND REACTIVITY

<b>Conditions to be avoided :</b>	Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
<b>Materials to be avoided :</b>	Strong oxidising agent Reacts with acids
<b>Hazardous decomposition compounds :</b>	CO,CO2

## 11. TOXICOLOGICAL INFORMATION

<b>Skin contact :</b>	May cause irritation.
<b>Eye contact :</b>	May cause irritation.
<b>Other information:</b>	No information available

## 12. ECOLOGICAL INFORMATION

<b>Degradability :</b>	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC)No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
<b>Other adverse effects :</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses

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### 13. WASTE DISPOSAL

**Product :** Do not empty into drains.  
Evacuate the area and keep personnel upwind  
Disposal should be in accordance with local, state or national legislation

### 14. TRANSPORT

**UN-number :** 1950  
**Road/Rail - ADR/RID :** UN1950 Aerosols Class : 2, PG : NA, Class code : 5A, Label : 2.2  
**Sea - IMDG :** UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA  
**EmS** F-D,S-U  
**Air - IATA/ICAO :** UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG  
**Packing instr. LQ** Y203  
**PAX** 203  
**CAO** 203

### 15. REGULATORY INFORMATION

**Warning symbol(s) :** F+

**Risk-phrase(s) :** R12: Extremely flammable.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety-phrase(s) :** S2: Keep out of the reach of children.  
S16: Keep away from sources of ignition - No smoking.  
S23: Do not breathe spray.  
S35: This material and its container must be disposed of in a safe way.  
S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.  
Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.  
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**Regulation (EC) No 648/2004 on detergents:** aliphatic hydrocarbons 15 - 30 %  
non-ionic surfactants < 5 %  
benzisothiazolinone

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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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**\*Explanation risk-phrases:**

R11: Highly flammable.  
R12: Extremely flammable.  
R38: Irritating to 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.  
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](http://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.