



<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revizion: 1
		Page: 1 of 10

## 1. Identification of the mixture and of the company/undertaking

1.1. Product identifier:

**Hexol Starlight winter screenwash concentrated**

1.2. Relevant identified uses of the mixture and uses advised against

Relevant identified uses: scented winter screenwash

Uses advised against: no data

1.3. Details of the supplier of the safety data sheet:

S.C. HEXOL LUBE S.R.L.

Adress: comuna. Paleu, str. Ardealului 1A, județ Bihor

Phone/Fax: 0259 449203/428299

1.4. Emergency telephone number

Phone: 0259-454216; 0259-449203; 8-16h on workdays.

## 2. Hazards identification

2.1. Classification of the mixture

Classification of the mixture according to regulation (EC) No 1272/2008

Hazard Class and Category: Hazard statement:

Flam. Liq. 2

H225 Highly flammable liquid and vapour.

2.2. Label elements (EC) No 1272/2008

Product identification: **Hexol Starlight winter screenwash concentrated**

GHS Pictograms:



Signal word:

toxic

flammable





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revision: 1
		Page: 2 of 10

Hazard statement:

H 331: Toxic if inhaled.

H 225: Highly flammable liquid and vapour.

H 373: May cause damage to organs through prolonged or repeated exposure

Precautionary statements - Prevention:

P 210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P 280: Wear protective gloves/protective clothing/eye protection/face protection.

P 233: Keep container tightly closed.

P 301+315: IF SWALLOWED: Get immediate medical advice/attention.

Precautionary statements – Disposal

P 501 Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger: in case of distribution for population

Transport classification: see section 14.

By regulation No 648/2004/EC on detergents: Contains: fragrance

### 2.3. Other hazards

No data available

## 3. Composition/information on ingredients

### 3.2. Mixtures

Chemical description: Mixture of water, methanol, tenside, perfume ingredients, colorific and other additives.

Name	EINECS number	CAS number	Hazard symbol / Hazard classes and cat.	Risk phrase / Hazard statements	Conc. %(m/m)
Methanol	200-659-6	67-56-1	01- 2119433307- 44-0014	H225, H301, H311, H331, H370	Max. 40



<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revision: 1
		Page: 3 of 10

The full text of each relevant R-, H- phrase and Hazard classes and cat. see in Section 16.

#### 4. First aid measures

##### 4.1. Description of first aid measures

**General information:** Never give anything by mouth to an unconscious person, or never induce vomiting.

**Inhalation:** Remove exposed person to fresh air and keep warm. If breathing is difficult, apply artificial respiration or administer oxygen. Get medical attention.

**Skin contact:** Wash with soap and water. Remove contaminated clothing.

**Eye contact:** Flush immediately with plenty of running water for at least 15 minutes, holding the eyelids open. Get medical attention.

**Ingestion:** Give plenty of water! Get immediately medical attention.

##### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation or swallowing of material may have narcotic effects, which may cause losing consciousness.

##### 4.3. Indication of any immediate medical attention and special treatment need

Treat symptomatically.

#### 5. Fire-fighting measures

Fire hazards: See also Section 9 - flash point

##### 5.1. Extinguishing media

Suitable extinguishing media:

Alcohol resistant foam dry chemical, water spray, CO<sub>2</sub>.

Unsuitable extinguishing media: No data.

##### 5.2. Special hazards arising from the mixture

Hazardous combustion products:

On burning carbon-monoxide can be formed.

##### 5.3. Advice for fire-fighters





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revizion: 1
		Page: 4 of 10

Special protective equipment:

Accordance with current regulations.

Recommend wearing self-contained breathing apparatus.

Further information:

Cool containers exposed to fire with water spray from safe distance.

Vapours may form explosive mixture with air. Recomandări destinate pompierilor

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

### 6.2 Environmental precautions:

Prevent spills from entering into natural water, soil and drains by containing the liquid.

Notify relevant authority.

### 6.3 Methods and material for containment and cleaning up

On soil: Exclude source of ignition.

Adequate ventilation required in enclosed areas.

Recover free liquid by pumping.

Contain spilled liquid with sand, earth or other suitable absorbents.

Dispose of according to local regulations.

Clean up with large amount of water the contaminated area.

On water: Notify local authorities according to regulations.

### 6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Keep general measures applied for normal operations with chemicals and flammable liquids. Adequate ventilation required.





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revision: 1
		Page: 5 of 10

Keep material away from and open flame.

No smoking.

Take precautionary measures against static discharges.

Avoid contact with skin and eyes, inhalation of vapours.

Avoid contact with skin and eyes.

Avoid breathing of vapours.

Ensure washing facilities after working hours and before breaks.

Take off contaminated clothing, wash with warm water and soap.

When using do not eat or drink and do not smoke. Handling temperature:

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, well-ventilated area, in original, tightly closed containers.

Keep out of the reach of children.

Keep away from food, drink.

Storage temperature: max. 35°C

7.3 Specific end use(s) Scented winter screenwash, cinnamon.

## 8. Exposure controls / personal protection

Engineering control measures:

Adequate ventilation.

8.1 Control parameters:

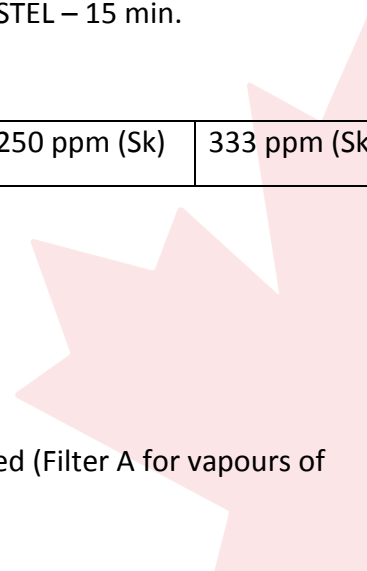
Name	CAS number	Std.	TWA – 8 h		STEL – 15 min.	
Methanol	67-56-1	WEL	200 ppm (Sk)	266 ppm (Sk)	250 ppm (Sk)	333 ppm (Sk)

WEL – workplace exposure limit

8.2 Exposure controls

Personal protection:

Respiratory protection: Required, when vapours / aerosols are generated (Filter A for vapours of organic compounds).





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revision: 1
		Page: 6 of 10

Hand protection: protective gloves Note: Manufacturer's directions for use and the conditions of application should be observed.

Eye protection: chemical goggles

Skin protection: protective clothing

Other special: No data.

8.3. Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater

## 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Colour: blue, clear

Odour: ocean fresh

Change in physical state:

Freezing point: < -35°C

Boiling point: start at 64.7°C

Others:

Flash point: >20°C (closed cup)

Explosion limits: lower/upper: 7.3% / 36%

Decomposition temperature: unknown

Oxidizing properties: no data

Vapour pressure at 20°C: no data

Density at 20°C (DIN 51757): 0.935-0.950 g/cm<sup>3</sup>

Solubility in water at 20°C: soluble in all proportion

Thermal decomposition: no data

Self ignition point 455°C

9.2 Other information





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revizion: 1
		Page: 7 of 10

no data available

## 10. Stability and reactivity

10.1 Reactivity: Dangerous reactivity not known.

10.2 Chemical stability: No decomposition if stored and handled properly.

10.3 Possibility of hazardous reactions: Not known.

10.4 Conditions to avoid: Direct heat or ignition sources.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

Nota: -

## 11. toxicological information

### 11.1. Informații privind efectele toxicologice

Acute toxicity

-oral	LD50 (rat)	1187-2769 mg/Kg
-inhalation	LD50 (rat)	>128200 mg/m <sup>3</sup>
-dermal	LD50(rabbit)	17100 mg/kg

INHALATION Harmful by inhalation.

INGESTION Swallowing concentrated chemical may cause severe internal injury.

SKIN CONTACT Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT Irritating to eyes.

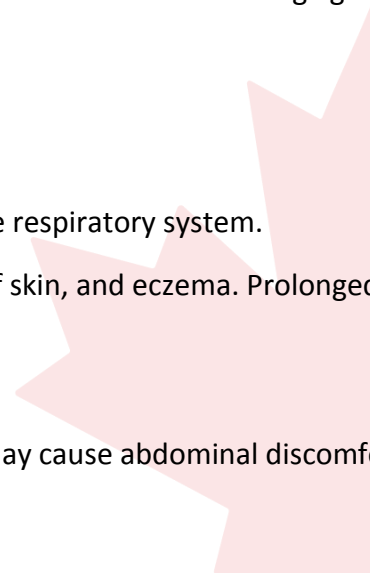
#### HEALTH WARNINGS

INHALATION. Prolonged inhalation of high concentrations may damage respiratory system.

SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT. May cause severe irritation to eyes.

INGESTION. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revision: 1
		Page: 8 of 10

ROUTE OF ENTRY Ingestion. Skin and/or eye contact.

TARGET ORGANS Skin. Eyes. Respiratory system, lungs.

## 12. Ecological information

ECOTOXICITY Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

BIOACCUMULATION Expected to be low, based on ingredients

DEGRADABILITY Rapid, based on ingredients

ACUTE FISH TOXICITY Low, based on ingredients

## 13. Disposal considerations

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14. Transport information

Land transport:

Road/ Railway                      ADR/RID:

Class:                                      3

Classification code    F1

Packaging group:            III

Labels:                                    3

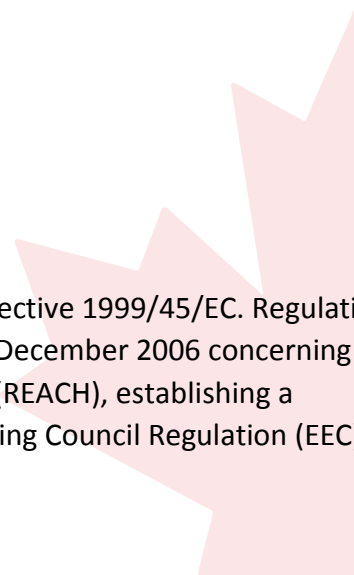
Hazard identification Number: 30

UN number: 1230 METHANOL SOLUTION

## 15. Regulatory information

15.1. EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC)







<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revizion: 1
		Page: 9 of 10

No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### 15.2. Chemical safety assessment

Not available.

#### 16. Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract. The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Source of data presented in this material safety data sheet:

Test results of this product

Material safety data sheets of product's components

Romanian and EU lists of dangerous substances

Relevant Romanian regulation and EU directives

The full text of each relevant Hazard classes and cat., R- and H- phrase in Section 3:

H 331: Toxic if inhaled.

H 225: Highly flammable liquid and vapour.

H 370: Cause damage to organs,

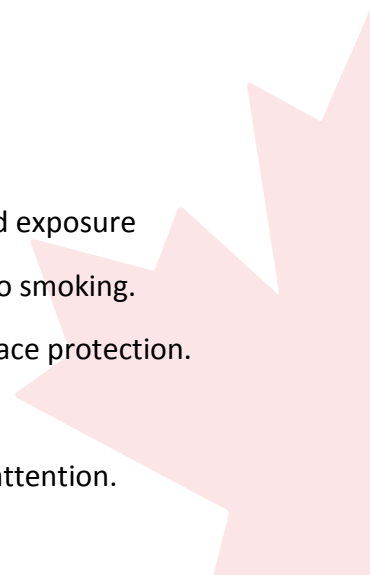
H 373: May cause damage to organs through prolonged or repeated exposure

P 210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P 280: Wear protective gloves/protective clothing/eye protection/face protection.

P 233: Keep container tightly closed.

P 301+315: TOXIC IF SWALLOWED: Get immediate medical advice/attention.





<b>HEXOL LUBE SRL</b>	<b>MATERIAL SAFETY DATA SHEET</b> <b>According to regulation</b> <b>1272/2008/EC</b> <b>HEXOL STARLIGHT winter</b> <b>screenwash concentrated</b>	Date: 29.05.2015
		Edition: 1
		Revizion: 1
		Page: 10 of 10

P 501 Dispose of contents/container in accordance with national regulation.

