

# ***PRODUCT INFORMATION SHEET***

## **Husqvarna AB**

S-561 82 Huskvarna, Tel. no: + 46 36-14 65 00, Fax no: + 46 36-14 60 20

<b>Date:</b>	<b>1999-01-08</b>
<b>Product name:</b>	<b>Husqvarna UL 21</b>
<b>Application:</b>	<b>Lubrication of moving metal parts, such as hedge trimmer blades and hinges.</b>

The purchaser is responsible for ensuring that the product is stored, handled and used correctly, and for deciding whether it is suitable for the intended task.

This information does not include details of the risks and safety measures to be taken in the event the product is handled or used incorrectly, nor if it is mixed with another product.

This information does not take into account the unusual sensitivity of some people to products of this type.

## **PRODUCT INFORMATION SHEET**

PRODUCT AND SAFETY PRECAUTIONS

Husqvarna UL 21

## 1. NAME OF PRODUCT AND COMPANY

Product name: UL 21  
Application: Lubrication of moving metal parts such as hedge trimmer blades and hinges.

Supplier: HUSQVARNA AB  
S-561 82 Huskvarna  
SWEDEN  
Telephone: + 46 36 14 65 00  
Fax no: + 46 36 14 60 20

## 2. COMPOSITION / CLASSIFICATION OF SUBSTANCES

Substance:	CAS Number	Content w%	Hazard symbol/R phrase
Heptane	142-82-5	10-15	20-40 V,F: 11-320-322-313
Lithium saponified fatty acids	----	----	EK
Polyalfaolefin	----	----	EK
Fatty acid esters	----	----	EK
Polypropyleneglycol	----	----	EK
Alkylphenol	----	----	(EK)
Isopropylated phenyl-phosphate	----	----	EK
Zinc naphthenate	12001-85-3	----	Xi, R36/38
Butane	106-97-8	20-40	F+Sv 4 R12

Key to abbreviations:

T+=Highly toxic, T=Toxic, C=Corrosive, Xn=Harmful,  
Xi=Irritant, EK=Unclassified, V=Moderately harmful, E=Explosive, O=Oxidising agent,  
F+=Extremely flammable, F=Highly flammable, N=Environmental hazard, Mut=Mutagen,  
S=Sensitising, Carc=Carcinogen, Repr=Teratogen, H=Absorbed by skin

## 3. HAZARDOUS PROPERTIES

HIGHLY FLAMMABLE. MAY BE HARMFUL IF INHALED OR IN CASE OF SKIN CONTACT.  
DRIES OUT SKIN.  
RISK OF EXPLOSION IF HEATED.

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## **4. FIRST AID**

INHALATION:	Ventilate room, allow to rest and keep warm. Rinse nose, mouth and throat with water. If symptoms persist seek medical attention.
SKIN CONTACT:	Remove splashed clothes immediately and wash thoroughly with soap and water. Moisturise skin.
CONTACT WITH EYES:	Rinse immediately with plenty of water (for at least 15 minutes) and keep eyes wide open. Seek medical attention if irritation persists.
SWALLOWING:	DO NOT INDUCE VOMITING! Seek medical attention.

## **5. IN THE EVENT OF FIRE**

**FIREFIGHTING INSTRUCTIONS:** May be extinguished with powder or carbon dioxide. Firemen may use a wide jet of water. Containers near to a fire must be moved and/or cooled with water.

**RISK OF EXPLOSION AND FIRE:** Note there is a risk of explosion!!! Highly flammable. Vapour can form explosive mixtures with air even at room. Clothes that are contaminated with the product constitute a fire hazard. Risk of explosion when heated.

## **6. IN THE EVENT OF SPILLAGE / ACCIDENTAL DISCHARGE**

Note the risk of ignition and explosion. Prevent discharge into drains. Prevent spread by damming with sand, soil or other suitable material. Inform the local authorities if discharge cannot be prevented. Pump up liquid spills with an explosion-protected pump or manual pump, or use suitable absorbent material.

## **7. HANDLING AND STORAGE**

HANDLING: Reducing – avoid contact with oxidising agents.

HANDLING INSTRUCTIONS: May accumulate static electrical charge.  
Flammable liquid, class 1. Pressure container must not be exposed to temperatures higher than 50°C. Also applies to empty container.

STORAGE: Store as flammable goods. Store away from sources of ignition. Smoking prohibited.

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## **8. LIMITATION OF EXPOSURE / PERSONAL SAFETY PRECAUTIONS**

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Name:  
Heptane

CAS no:  
142-82-5

Threshold value:  
200 ppm (NGV)

## PREVENTIVE MEASURES:

Maintain good personal hygiene. Ensure adequate ventilation. Mechanical ventilation and point extraction may be necessary. Use explosion-protected electrical equipment. Eliminate sources of ignition.

## BREATHING PROTECTION:

Gas mask with filter A (brown) may be needed.

## EYE PROTECTION:

Eye protection must be worn if there is any risk of direct contact or splashes.

## SAFETY CLOTHES / SAFETY PRECAUTIONS:

Protective gloves and protective clothing must be worn if there is any risk of direct contact or splashes.

## **9. PHYSICAL AND CHEMICAL CHARACTERISTICS**

Colour:	Yellowish
State/consistency:	Volatile oily liquid
Odour:	
Solubility:	Chloroform. Ethanol. Ether.
pH:	
Boiling point (□C):	>98
Melting point (□C):	
Degradation temperature (□C):	
Flash point (□C):	>-1
Ignition temperature (□C):	>200
Flammability (solid, liquid):	
Explosive characteristics:	
Explosive limits, lower – upper %:	
Oxidising properties:	
Vapour pressure (kPa) at 20 (□C):	5
Vapour density (air=1):	>1
Density (kg/cm):	750
Relative rate of evaporation (BuAc-1):	
Solubility in water:	Negligible
Distribution coefficient octanol/water:	

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## **10. STABILITY AND REACTIVITY**

REACTS WITH;

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Reducing – avoid contact with oxidising agents.

## **11. TOXICOLOGY INFORMATION**

- INHALATION:** High concentrations may cause: Irritation to respiratory tract, dizziness, headache and fatigue, may lead to unconsciousness and have other effects on the central nervous system.
- SKIN CONTACT:** Repeated or prolonged exposure dries the skin leading to discomfort and skin inflammation.
- CONTACT WITH EYES:** Causes discomfort but does not damage eye tissues.
- SWALLOWING:** Inhalation of small amounts of liquid, by aspiration, during swallowing or vomiting, can cause chemical inflammation of the lungs or water in the lungs.

## **12. ECOTOXICOLOGY INFORMATION**

Data is still being gathered.

## **13. DISPOSAL OF WASTE**

Remains of used product that cannot be reused must be treated as environmentally hazardous waste. May only be transported by contractors with the appropriate licence.

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## **14. TRANSPORT INFORMATION**

<b>UN number</b>	1950	<b>ADR (Road)</b>	
<b>Class</b>	2,5F	<b>Hazardous goods</b>	No
		<b>Label</b>	

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**Hazard number**

**Marginal number**

**UN number** 1950  
**Class** 2,5F  
**Hazard number**

**RID (Rail)**  
**Hazardous goods** No  
**Label**

**UN number** 1950  
**Class** 2  
**Packaging group**  
**MFAG number** 620  
**Sub. risk**

**IMDG (Sea)**  
**Hazardous goods** Yes  
**Label**  
**EmS number** 2:13  
**Marine pollutant** 2102

**UN number**  
**Class**  
**Label**

**IATA (Air)**  
**Hazardous goods**  
**Sub. risk**  
**Packaging group**

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### 15. APPLICABLE REGULATIONS

**Highly flammable!!!**

**CONTENT:** Heptane; 65–75%

**R PHRASES:**

R11: Highly flammable  
R320/322: May be harmful if inhaled or swallowed.

R313: Dries out skin.

**S PHRASES:**

S16: Must be stored away from sources of ignition.  
Smoking prohibited.  
S23.2: Avoid inhaling vapour.  
S51: Ensure adequate ventilation.

## **16. OTHER INFORMATION**

The information in this product information sheet is considered accurate according to the current state of knowledge and experience, however no guarantee can be given that this information is complete. It is therefore in the user's interests to check whether the information is adequate for the intended purpose of the product.

***SOURCE OF INFORMATION:***

Sollebrunns Oljeservice AB

Box 116

S-466 22 SOLLEBRUNN

In case of emergency call +46 (0) 322 83 200 for more information about the product.

***SUPPLIER'S NOTES:***

***USER'S NOTES:***