

SAFETY DATA SHEET

UNIVERSAL DEGREASING SPRAY LUNA CITRUS CLEANER A 400 ML 165300104

Last changed: 29/05/2015

Replaces date: 29/05/2012

Internal No. 165300104

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name UNIVERSAL DEGREASING SPRAY LUNA CITRUS CLEANER A 400 ML 165300104

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

RECOMMENDED USES: Detergent

INADVISABLE USES: All other use is forbidden.

1.3. Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise Luna Verktyg & Maskin AB

Postal code SE-441 80 ALINGSÅS

Country SVERIGE

Tel + 46 322 60 60 00

Fax + 46 322 60 64 43

CONTACT PERSON

Name	Email	Tel	Country
Jörgen Bengtsson		+ 46 322 60 64 52	

1.4. Emergency telephone number

Emergency Phone	Type of assistance	Opening Hours
08-33 12 31 112	Vid akuta fall	dagtid

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD F+; R12, Xi; R38, R43, N; R50/53, R67

Classification:

Most serious harmful effects:: Extremely flammable. Irritating to skin. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

2.2. Label elements



Extremely flammable



Irritating



Dangerous for the environment

EC-Label: No

COMPOSITION

Denatured ethanol (10 - 20 %), PROPAN (5 - 10 %), BUTAN (5 - 10 %), 1-metoxi-2-propanol (10 - 20 %), Terpene mixture (30 - 40 %)

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R-phrases

R12	Extremely flammable.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

S-PHRASES

S1 Keep locked up.
S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S25 Avoid contact with eyes.

OTHER LABELLING PHRASES

Pressurized 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. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

2.3. Other hazards

OTHER HAZARDS

Harmful: may cause lung damage if swallowed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredient name	Reg. no.	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Denatured ethanol			64-17-5	10 - 20 %	F,R11	Flam. Liq. 2 H225
PROPAN			74-98-6	5 - 10 %	F+,R12	Flam. Gas 1 H220
BUTAN			106-97-8	5 - 10 %	F+,R12	Flam. Gas 1 H220
1-metoxi-2-propanol		100-51-6	107-98-2	10 - 20 %	Xi,F,R10	Flam. Liq. 3 H226
Terpene mixture			8028-48-6	30 - 40 %	Xn,N,R10 - R38 - R43 - R50/53 - R65	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Skin Sens. 1 H317 Asp. Tox. 1 H304 Aquatic Chronic 1 H410

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

SECTION 4: First aid measures

4.1. Description of first aid measures

INHALATION

Fresh air if there are symptoms of injury. Contact physician if irritation persists.

INGESTION

Do not induce vomiting. Immediately consult a doctor.

SKIN

Wash skin with soap and water. Consult a doctor if symptoms should occur.

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EYES

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes.

BURNS

No information available

GENERAL

No information available

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

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Aspiration during vomiting or ingestion may cause chemical pneumonia.

4.3. Indication of any immediate medical attention and special treatment needed

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Extinguishing agent: alcohol-resistant foam.

UNSUITABLE EXTINGUISHING MEDIA

Do not use water in a focused jet.

EXTINGUISHING METHODS

Containers close to fire should be removed or cooled with water.

5.2. Special hazards arising from the substance or mixture

SPECIAL HAZARDS

Pressure chamber may explode in the event of fire.

5.3. Advice for firefighters

ADVICE FOR FIREFIGHTERS

Use a fresh air breathing apparatus and protective suit. Containers close to fire should be removed immediately or cooled with water.

OTHER INFORMATION

Follow emergency procedures.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Unauthorized persons should be evacuated. Prevent unauthorised persons entering the zone. Pay attention

FOR NON-EMERGENCY PERSONNEL

No information available

FOR EMERGENCY RESPONDERS

Evacuate the area.

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6.2. Environmental precautions

ENVIRONMENTAL PRECAUTIONS

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

METHODS AND MATERIAL

No information available

6.4. Reference to other sections

REFERENCES

Wear personal protective equipment in accordance with paragraph 8. Waste management see section 13

OTHER INFORMATION

No information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1. PRECAUTIONS FOR SAFE HANDLING

Provide good ventilation. No sparking tools should be used. Do not taste or swallow. Avoid heat, sparks and open flame. No smoking. Do not empty into drains. Should not be stored in the immediate vicinity of easily combustible substances. Take precautionary measures against static discharges. Prevent vapour buildup by providing adequate ventilation during and after use.

7.2. Conditions for safe storage, including any incompatibilities

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Should not be stored in the immediate vicinity of easily combustible substances. Store in accordance with regulations for flammable goods.

7.3. Specific end use(s)

7.3. SPECIFIC END USE(S)

No information available

OTHER INFORMATION

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

LEGAL BASIS

AFS 2011:18

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Occupational exposure limits

Ingredient name	CAS No.	Range	ppm	mg/m3	Year	Remarks
PROPAN	74-98-6	15 min.	1100	2000		
PROPAN	74-98-6	8 h	800	1500		
BUTAN	106-97-8	15 min.	1000	2350		
BUTAN	106-97-8	8 h	800	1900		
Denatured ethanol	64-17-5	15 min.	1250			
Denatured ethanol	64-17-5	8 h	1000			

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

8.2. Exposure controls

EXPOSURE SCENARIOS

No information available

INFORMATION FROM SUPPLIER

No information available

APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

SKIN PROTECTION

Avoid prolonged or repeated contact. Protective clothing if necessary.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

RESPIRATORY PROTECTION

Use respirator in the presence of vapours/aerosols. Provide good ventilation.

LIMITATION OF ENVIRONMENTAL EXPOSURE

Prevent discharges into the sewage system, watercourses or ground.

HEATING HAZARDS

No information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE	Liquid.
COLOUR	Clear.
ODOUR	Lemon.
EXPLOSIVE PROPERTIES	No information available
OXIDISING PROPERTIES	No information available
FAT SOLUBILITY	Hydrocarbons.

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Parameter	Value/unit	Method/reference	Observation
pH (concentrate)	No data		
pH (solution for use)	7		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	78 °C		1)
Flash point	> 0 °C		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	2,3 - 9,5 %		2)
Vapour pressure	No data		
Vapour density	No data		
Relative density	900		
Partition coefficient	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2. Other information

Parameter	Value/unit	Method/reference	Observation
Kokpunkt Propan/Butan	-20°C		

Note no.	Comments
1	Ethanol
2	Propan

SECTION 10: Stability and reactivity

10.1. Reactivity

10.1. REACTIVITY

Protect from direct sunlight.

10.2. Chemical stability

10.2. CHEMICAL STABILITY

Stable.

10.3. Possibility of hazardous reactions

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No information available

10.4. Conditions to avoid

10.4. CONDITIONS TO AVOID

Avoid temperatures above 20° C.

10.5. Incompatible materials

10.5. INCOMPATIBLE MATERIALS

No information available

10.6. Hazardous decomposition products

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

No information available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

ACUTE TOXICITY - ORAL

Harmful if swallowed. Aspiration during vomiting or ingestion may cause chemical pneumonia.

ACUTE TOXICITY - DERMAL

No information available

ACUTE TOXICITY - INHALATION

No information available

SKIN CORROSION/IRRITATION

Degreases the skin. May cause irritation.

SERIOUS EYE DAMAGE/EYE IRRITATION

Irritating to eyes.

CARCINOGENIC PROPERTIES

No information available

REPRODUCTIVE TOXICITY

No information available

ASPIRATION HAZARD

No Information

SENSITISATION

No information available

TOXICITY IN CASE OF SINGLE EXPOSURE

No information available

TOXICITY IN CASE OF REPEATED OR PROLONGED EXPOSURE

No information available

MUTAGENICITY

No information available

OTHER TOXICOLOGICAL EFFECTS

No Information

SECTION 12: Ecological information

12.1. Toxicity

ACUTE AQUATIC TEST RESULTS

No Information

ECOTOXICITY

May cause long-term adverse effects in the aquatic environment. Very toxic to aquatic organisms.

12.2. Persistence and degradability

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PERSISTENCE AND DEGRADABILITY

Readily biodegradable.

12.3. Bioaccumulative potential

BIOACCUMULATIVE POTENTIAL

The product is potentially bioaccumulative.

12.4. Mobility in soil

MOBILITY

No information available

12.5. Results of PBT and vPvB assessment

RESULTS OF PBT AND VPVB ASSESSMENT

No information available

12.6. Other adverse effects

OTHER EFFECTS

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

GENERAL REGULATIONS

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Dumped according to local and national regulations.

CATEGORY OF WASTE

No information available

SECTION 14: Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)

14.1. UN number	1950	14.4. Packing group
14.2. UN proper shipping name	Aerosol.	14.5. Environmental hazards
14.3. Transport hazard class(es)	2	
Hazard label(s)	2.1	
Hazard identification number		Tunnel restriction code

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Inland water ways transport (ADN)	
<p>14.1. UN number 1950</p> <p>14.2. UN proper shipping name Aerosol.</p> <p>14.3. Transport hazard class(es) 2.1</p> <p>Hazard label(s)</p> <p>Environmental hazard in tank vessels</p>	<p>14.4. Packing group</p> <p>14.5. Environmental hazards</p>

Sea transport (IMDG)	
<p>14.1. UN number 1950</p> <p>14.2. UN proper shipping name Aerosol.</p> <p>14.3. Transport hazard class(es) 2.1</p> <p>Sub Risk: IMDG Code segregation group</p> <p>Marine pollutant Yes</p> <p>EMS:</p>	<p>14.4. Packing group</p> <p>14.5. Environmental hazards</p>

Air transport (ICAO-TI / IATA-DGR)	
<p>14.1. UN number 1950</p> <p>14.2. UN proper shipping name Aerosol.</p> <p>14.3. Transport hazard class(es) 2.1</p> <p>Hazard label(s)</p>	<p>14.4. Packing group</p>

14.6. SPECIAL PRECAUTIONS FOR USER

Not relevant.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

PROVISIONS

AFS 2011:18 The CLP Regulation (1272/2008) ADR/ADR-S (MSBFS 2011:1) and RID/RID-S (MSBFS 2011:2).

AUTHORISATIONS

No Information

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LIMITATIONS / LIMITATION OF USE

No Information

15.2. Chemical safety assessment

OTHER INFORMATION

No information available

SECTION 16: Other information

ABBREVIATIONS

No Information

REFERENCES FOR ADDITIONAL INFORMATION

No Information

VENDOR NOTES

No Information

CLASSIFICATION METHOD

No Information

LIST OF RELEVANT R-PHRASES

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very 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.

LIST OF RELEVANT H-STATEMENTS

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H229	Pressurized container: may burst if heated

TRAINING ADVICE

No Information

QUALITY ASSURANCE OF SDS

No Information

OTHER INFORMATION

No Information