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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 15.04.2015

Version number 5

Revision: 15.04.2015

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

- · 1.1 Product identifier
- · Trade name: Cardea U-Clean 300 Antistatic Degreaser
- Article number: TT1500
- 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the mixture Thinner, Diluent
- 1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier: Manufacturer: Kansai Altan Boya San. ve Tic. A.S. Ankara Asfalti 25. Km. TR-35730 Kemalpasa - Izmir TURKEY infosds@kansaialtan.com.tr

- Further information obtainable from: Material safety department • 1.4 Emergency telephone number:
- During working hours: +90 232 870-1277

## SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008

GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

GHS05 corrosion

*Eye Dam. 1* H318 Causes serious eye damage.

GHS09 environment

GHS07

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

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Skin Irrit. 2	H315 Causes skin irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
Classification	according to Directive 67/548/EEC or Directive 1999/45/EC
Xn; Harn	ıful
R65: Har	mful: may cause lung damage if swallowed.
K05. 11ur	mjui. may cause tung aamage ij swattowea.
Xi; Irritai	nt
R36/38: Irrii	tating to eyes and skin.
F; Highly	p flammable
R11: Hig	hly flammable.
N; Dange	erous for the environment
R51/53: Tox	ic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	ours may cause drowsiness and dizziness.
1	oncerning particular hazards for human and environment:
	ts to be labelled due to the calculation procedure of the "General Classification guideline for
preparations o	f the EU" in the latest valid version.
Classification S	system:
The classificati	on is according to the latest editions of the EU-lists, and extended by company and literature
data.	
Labelling acco	rding to Regulation (EC) No 1272/2008
The product is Hazard pictogr	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams
Labelling acco The product is Hazard pictogr GHS02 GH	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams So 5 GHS07 GHS08 GHS09
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D	anger
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Solution (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Solution (EC) No 1272/2008 classified and labelling:
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-detern Hydrocarbons,	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Solve GHS07 GHS08 GHS09 anger mining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropa	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Solve GHS07 GHS08 GHS09 anger mining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropal Hydrocarbons,	rating to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Solve GHS07 GHS08 GHS09 anger tining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics n-1-ol
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropa, Hydrocarbons, 25%) Hydrocarbons,	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Sob GHS07 GHS08 GHS09 anger rining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics n-1-ol C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2- C9 aromatics
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropa Hydrocarbons, 25%) Hydrocarbons, Hazard statem	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Sob GHS07 GHS08 GHS09 anger rining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics n-1-ol C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2- C9 aromatics ents
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropat Hydrocarbons, 25%) Hydrocarbons, Hazard statem H225 Highly fl	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Sob GHS07 GHS08 GHS09 anger nining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics n-1-ol C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2- C9 aromatics ents ammable liquid and vapour.
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-determ Hydrocarbons, 2-methylpropat Hydrocarbons, 25%) Hydrocarbons, Hazard statem H225 Highly fl H315 Causes s	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams Sof GHS07 GHS08 GHS09 anger rining components of labelling: C7-C9, n-alkanes, isoalkanes, cyclics n-1-ol C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2- C9 aromatics ents fammable liquid and vapour. kin irritation.
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-detern Hydrocarbons, 2-methylpropa. Hydrocarbons, 25%) Hydrocarbons, Hazard statem H225 Highly fl H315 Causes s H318 Causes s	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams So5 GHS07 GHS08 GHS09 anger
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-detern Hydrocarbons, 2-methylpropa. Hydrocarbons, 25%) Hydrocarbons, Hazard statem H225 Highly fl H315 Causes s H318 Causes s H336 May cau	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams So5 GHS07 GHS08 GHS09 anger
Labelling acco The product is Hazard pictogr GHS02 GH Signal word D Hazard-detern Hydrocarbons, 2-methylpropa. Hydrocarbons, 25%) Hydrocarbons, Hazard statem H225 Highly fl H315 Causes s H318 Causes s H336 May cau	rding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation. rams So5 GHS07 GHS08 GHS09 anger





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Precautionary sta	utements and the second s
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303+P361+P35	3 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P33	8 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

• *PBT:* Not applicable.

• **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients** 

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

EC number: 920-750-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	25-50%
Reg.nr.: 01-2119473851-33-XXXX	Xn R65; 🎽 F R11; 🏪 N R51/53 R66-67	
	<ul> <li>Flam. Liq. 2, H225;</li> <li>Asp. Tox. 1, H304;</li> <li>Aquatic Chronic 2, H411;</li> <li>STOT SE 3, H336</li> </ul>	
EC number: 919-446-0	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,	15-<25%
	aromatics (2-	
	25%)	
	Xn R65; 🏪 N R51/53 R10-66-67	
	<ul> <li>Flam. Liq. 3, H226;</li> <li>Asp. Tox. 1, H304;</li> <li>Aquatic Chronic 2, H411;</li> <li>STOT SE 3, H336</li> </ul>	
CAS: 1330-20-7	xylene	10-<12,5%
EINECS: 215-535-7	🗙 Xn R20/21; 🗙 Xi R38	
Index number: 601-022-00-9	RIO	
Reg.nr.: 01-2119488216-32	Flam. Liq. 3, H226; (1) Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	





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	(	Contd. of page 3)
EC number: 918-668-5	Hydrocarbons, C9 aromatics	<i>≤10%</i>
Reg.nr.: 01-2119455851-35-003	Xn R65; Xi R37; ₩ N R51/53 R10-66-67	
	<ul> <li>Flam. Liq. 3, H226;</li> <li>Asp. Tox. 1, H304;</li> <li>Aquatic Chronic 2, H411;</li> <li>STOT SE 3, H335-H336</li> </ul>	-
CAS: 78-83-1	2-methylpropan-1-ol	5-<10%
EINECS: 201-148-0	🗙 Xi R37/38-41	
Index number: 603-108-00-1	R10-67	
Reg.nr.: 01-2119484609-23		_
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	3-<10%
EINECS: 265-151-9 Index number: 649-328-00-1	Xn R65; Xi R38; 👸 F R11; 🌄 N R51/53 R67	
Reg.nr.: 01-2119473851-33	<ul> <li>Flam. Liq. 1, H224;</li> <li>Asp. Tox. 1, H304;</li> <li>Aquatic Chronic 2, H411;</li> <li>Skin Irrit. 2, H315;</li> <li>STOT SE 3, H336</li> </ul>	-
CAS: 100-41-4	ethylbenzene	1-≤2,5%
EINECS: 202-849-4	Xn R20-48/20-65; 🙀 F R11	
Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	-
• Additional information: For the v	vording of the listed risk phrases refer to section 16.	

### **SECTION 4: First aid measures**

• 4.1 Description of first aid measures

· After inhalation: In case of unconsciousness place patient stably in side position for transportation.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

#### **SECTION 5: Firefighting measures**

- 5.1 Extinguishing media
- Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:

Do not inhale explosion gases or combustion gases.

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Wear fully protective suit.

#### **SECTION 6:** Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. · 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water. · 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents · 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. **SECTION 7: Handling and storage** 

• 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

- Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Protect from heat. Protect against electrostatic charges.
- · 7.2 Conditions for safe storage, including any incompatibilities
- Storage: 5 °C 40 °C
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
- Keep container tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- Protect from heat and direct sunlight.
- 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

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8.1 Con	ntrol parameters
	ents with limit values that require monitoring at the workplace:
	duct does not contain any relevant quantities of materials with critical values that have to be
monitor	ed at the workplace.
1330-20	0-7 xylene
IOELV	Short-term value: 442 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 221 mg/m <sup>3</sup> , 50 ppm
	Skin
100-41-	4 ethylbenzene
IOELV	Short-term value: 884 mg/m <sup>3</sup> , 200 ppm
	Long-term value: 442 mg/m <sup>3</sup> , 100 ppm
	Skin
Additio	nal information: The lists valid during the making were used as basis.
	osure controls
	al protective equipment:
	l protective and hygienic measures: vay from foodstuffs, beverages and feed.
	ately remove all soiled and contaminated clothing
	ands before breaks and at the end of work.
	ontact with the eyes and skin.
	tory protection:
	of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure
	<i>Contained respiratory protective device.</i>
	nended filter device for short term use: Combination filter A-P2
Protecti	ion of hands:
(III)	
1112	Protective gloves
	6
<i>a</i>	
	lisation by the components in the glove materials is possible.
	protective gloves prior to each use for their proper condition.
	ve material has to be impermeable and resistant to the product/ the substance/ the preparation.
	missing tests no recommendation to the glove material can be given for the product/ the preparation/ nical mixture.
	nical mixture. In of the glove material on consideration of the penetration times, rates of diffusion and the
degrado	
	ves resistant to chemical affects (EN 374) and having CE marking.
0	Il of gloves
	ection of the suitable gloves does not only depend on the material, but also on further marks of quality
	ies from manufacturer to manufacturer.
The sele	ection of the suitable gloves does not only depend on the material, but also on further marks of quality
	ies from manufacturer to manufacturer. As the product is a preparation of several substances, the
	nce of the glove material can not be calculated in advance and has therefore to be checked prior to the
applica	
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- Penetration time of glove material
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR
- Fluorocarbon rubber (Viton)
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- Neoprene gloves
- · As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Eye protection:



Tightly sealed goggles

- · Body protection: Use protective clothing that prevents direct contact to skin.
- · Protective suit antistatic.

#### **SECTION 9: Physical and chemical properties**

General Information	
· Appearance: Form:	Fluid
Form: Colour:	Colourless
· Odour:	Colourless Characteristic
· Odour: · Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 90 °C
· Flash point:	6 °C (Closed cup)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	200 °C
• Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
Danger of explosion:	<i>Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.</i>
· Explosion limits:	
Lower:	1,0 Vol %
Upper:	7,0 Vol %





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· Vapour pressure at 20 •C:	6,7 hPa	
Density at 20 °C:	$0.8 \text{ g/cm}^3$	
Relative density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
water:	Partly soluble.	
Partition coefficient (n-octanol/wa	t <b>ter):</b> Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic at 20 °C:	10 s (DIN 53211/4)	
9.2 Other information	No further relevant information available.	

#### SECTION 10: Stability and reactivity

· 10.1 Reactivity

- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

Acute toxicity:
 LD/LC50 values relevant for classification:

D/LC30 values relevant for classification.			
1330-20-7 xylene			
Dermal	ermal LD50 2000 mg/kg (rabbit)		
Hydrocarl	Hydrocarbons, C9 aromatics		
Dermal	LD50	>3160 mg/kg (rabbit)	
Inhalative	LC50/4 h	(rat)	
78-83-1 2-	78-83-1 2-methylpropan-1-ol		
Dermal	LD50	3400 mg/kg (rabbit)	
100-41-4 е	100-41-4 ethylbenzene		
Dermal	LD50	17800 mg/kg (rabbit)	
$\cdot$ on the eye	<b>1:</b> Irritant i : Irritating	to skin and mucous membranes.	

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· Additional toxicological information:

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The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

#### **SECTION 12: Ecological information**

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even small quantities leak into the ground.
- Also poisonous for fish and plankton in water bodies.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See Sections 3 and 15 for details.

Toxic for aquatic organisms

- 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · **vPvB:** Not applicable.

• 12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND
PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 00 packaging (including separately collected municipal packaging waste)

15 01 10\* packaging containing residues of or contaminated by dangerous substances

• Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

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14.1 UN-Number	
ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name	
ADR	1263 PAINT RELATED MATERIAL, special provision
HAD C	640D DAINT BELATED MATERIAL (Indrocerbong, C7, C0, r
IMDG	PAINT RELATED MATERIAL (Hydrocarbons, C7-C9, n alkanes, isoalkanes, cyclics, Hydrocarbons, C9-C12, n-
	alkanes, isoalkanes, cyclics, aromatics (2-
	25%)), MARINE POLLUTANT
IATA	PAINT RELATED MATERIAL
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
Class	2 Elammahla liquida
Label	3 Flammable liquids. 3
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	Product contains environmentally hazardous substances
14.5 Environmentat nazaras.	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
Marine pollutant:	Yes
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	33
EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>
14.7 Transport in bulk according to Anne	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	 D/E
IMDG	
Limited quantities (LQ)	5L





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· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN1263, PAINT RELATED MATERIAL, special provision 640D, 3, II

### **SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture • Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- · Hazard pictograms



· Signal word Danger

· Hazard-determining components of labelling: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics 2-methylpropan-1-ol Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Hydrocarbons, C9 aromatics · Hazard statements H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness. H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects. · Precautionary statements P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. on page 12)





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· National regulations:

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

- H224 Extremely flammable liquid and vapour.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to the hearing organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R20/21 Harmful by inhalation and in contact with skin.
- *R37* Irritating to respiratory system.
- R37/38 Irritating to respiratory system and skin.
- R38 Irritating to skin.
- *R41 Risk of serious damage to eyes.*

*R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.* 

- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- *R65 Harmful: may cause lung damage if swallowed.*
- *R66 Repeated exposure may cause skin dryness or cracking.*
- *R67* Vapours may cause drowsiness and dizziness.

· Department issuing MSDS: Product safety department

· Contact: Ms. Sevde Seza Bozacioğlu

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 15.04.2015

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Trade name: Cardea U-Clean 300 Antistatic Degreaser

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LD50: Lethal dose, 50 percent Flam. Liq. 1: Flammable liquids, Hazard Category 1 Flam. Liq. 2: Flammable liquids, Hazard Category 2 Flam. Liq. 3: Flammable liquids, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

• \* Data compared to the previous version altered.

