



NIELSEN

SAFETY DATA SHEET EAU DE COLOGNE SHEEN

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

1.1. Product identifier

Product name EAU DE COLOGNE SHEEN

Internal identification B065

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

Identified uses Car maintenance product.

Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier NIELSEN CHEMICALS
 RAWDON ROAD
 MOIRA
 SWADLINCOTE
 DERBYSHIRE
 DE12 6DA
 TEL: +44 (0) 1283 222277
 FAX: +44 (0) 1283 225731
 info@nielsenchemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 777 8505 330 (24 hrs). +44 (0) 1865 407333 (24 hrs). MEDICAL AND ENVIRONMENTAL EMERGENCIES ONLY.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) F+;R12.

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated. H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/ container in accordance with national regulations. P280 Wear protective gloves.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

HYDROCARBON PROPELLANT 60-100%		
CAS number: 68476-85-7	EC number: 270-704-2	
Classification Flam. Gas 1 - H220 Press. Gas, Liquefied - H280	Classification (67/548/EEC or 1999/45/EC) F+;R12.	
HYDROCARBONS, C7, n-ALKANES, ISOALKANES, CYCLIC 10-30%		
CAS number: 142-82-5	EC number: 927-510-4	REACH registration number: 01-2119475515-33-xxxx
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Ethyl alcohol <1%		
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-xxxx
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) F;R11	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information	Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if any discomfort continues.

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

Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Causes skin irritation.
Eye contact	May cause discomfort.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Extremely flammable aerosol. Pressurised container: may burst if heated
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting	Use water to keep fire exposed containers cool and disperse vapours. Evacuate area.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. Do not touch or walk into spilled material. Avoid inhalation of vapours. Provide adequate ventilation. Take precautionary measures against static discharges. Do not enter storage areas or confined spaces unless adequately ventilated. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Avoid contact with contaminated tools and objects. Wash thoroughly after dealing with a spillage.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Harmful to aquatic life with long lasting effects.
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6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. Provide adequate ventilation. Wipe up with an absorbent cloth and dispose of waste safely. Absorb small quantities with paper towels and evaporate in a safe place. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep out of the reach of children. Wear protective gloves. Avoid contact with skin, eyes and clothing. Do not breathe vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Provide adequate ventilation. Keep container in a well-ventilated place. Do not pierce or burn, even after use. Avoid release to the environment. Avoid contact with contaminated tools and objects. Do not empty into drains. Do not eat, drink or smoke when using this product. Do not handle broken packages without protective equipment. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store at temperatures between 4°C and 40°C. Do not expose to temperatures exceeding 50°C/122°F.

Storage class Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

HYDROCARBON PROPELLANT

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

HYDROCARBONS, C7, n-ALKANES, ISOALKANES, CYCLIC

Long-term exposure limit (8-hour TWA): WEL 500 ppm 2085 mg/m³

Ethyl alcohol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

WEL = Workplace Exposure Limit

HYDROCARBONS, C7, n-ALKANES, ISOALKANES, CYCLIC (CAS: 142-82-5)

DNEL

Industry - Dermal; Long term : 300 mg/kg/day
 Industry - Inhalation; Long term : 2085 mg/m³
 Consumer - Dermal; Long term : 149 mg/kg/day
 Consumer - Inhalation; Long term : 447 mg/m³

Ethyl alcohol (CAS: 64-17-5)

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Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Workers - Inhalation; Short term : 1900 mg/m ³ Workers - Dermal; Long term systemic effects: 343 mg/kg/day Workers - Inhalation; Long term : 950 mg/m ³ Consumer - Inhalation; Short term : 950 mg/m ³ Consumer - Dermal; Long term systemic effects: 206 mg/kg/day Consumer - Inhalation; Long term : 114 mg/m ³ Consumer - Oral; Long term systemic effects: 87 mg/kg/day
PNEC	- Fresh water; 0.96 mg/l - Marine water; 0.79 mg/l - Soil; 0.63 mg/kg - STP; 580 mg/l - Sediment (Freshwater); 3.6 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. For users with sensitive skin, it is recommended that suitable protective gloves are worn. To protect hands from chemicals, gloves should comply with European Standard EN374. Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Thickness: > 0.54 mm Neoprene. Thickness: > 0.67 mm The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. Frequent changes are recommended. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. It should be noted that liquid may penetrate the gloves. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. The choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Repeated exposure to chemicals will degrade the ability of the glove to provide resistance to chemicals. Specific work environments and material handling practices may vary, therefore safety procedures should be developed for each intended application.

Hygiene measures

Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

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Colour	Colourless.
Odour	Pleasant, agreeable.
pH	Not applicable.
Relative density	Not applicable.
Solubility(ies)	Insoluble in water.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Causes skin irritation.
Eye contact	May cause discomfort.

Toxicological information on ingredients.

HYDROCARBON PROPELLANT

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 20.01

Species Rat

ATE inhalation (vapours mg/l) 20.01

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HYDROCARBONS, C7, n-ALKANES, ISOALKANES, CYCLIC

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,840.0

Species Rat

ATE oral (mg/kg) 5,840.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,920.0

Species Rat

ATE dermal (mg/kg) 2,920.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 23.3

Species Rat

ATE inhalation (vapours mg/l) 23.3

Ethyl alcohol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 21.0

Species Mouse

ATE inhalation (vapours mg/l) 21.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 1730 mg/kg, Oral,

Target organs Gastro-intestinal tract Liver

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Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Ecological information on ingredients.

HYDROCARBONS, C7, n-ALKANES, ISOALKANES, CYCLIC

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 13.4 mg/l, Onchorhynchus mykiss (Rainbow trout)
LC₅₀, 96 hours: <10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 3 mg/l, Daphnia magna
EC₅₀, 48 hours: <10 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: <10 mg/l, Algae

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: 1.53 mg/l, Onchorhynchus mykiss (Rainbow trout)

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 1 mg/l, Daphnia magna

Ethyl alcohol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 48 hours: > 100 mg/l, Leuciscus idus (Golden orfe)
LC₅₀, 96 hours: 11.000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 12.34 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, hours: mg/l, Selenastrum capricornutum

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Disposal methods Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

Special Provisions note

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

IMDG class 2.1

ICAO class/division 2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

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National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
EU legislation	Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Commission Regulation (EU) No 2015/830 of 28 May 2015.
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. LC ₅₀ : Lethal Concentration to 50 % of a test population. LD ₅₀ : Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. EC ₅₀ : 50% of maximal Effective Concentration. NOAEL: No Observed Adverse Effect Level. NOEC: No Observed Effect Concentration. UN: United Nations.
Revision comments	This is first issue.
Revision date	04/04/2017
Revision	1.0
SDS number	26892
Risk phrases in full	R11 Highly flammable. R12 Extremely flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

EAU DE COLOGNE SHEEN

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.