

Safety Data Sheet dated 5/7/2019, version 3

	e substance/mixture and of the company/undertaking
1.1. Product identifier	
Mixture identification:	
Trade name:	Cockpit cleaner (high gloss scented ocean)
Trade code:	34010
	the substance or mixture and uses advised against
Recommended use:	
dashboard detergent	
 1.3. Details of the supplier of th 	ie safety data sheet
Supplier:	
Arexons S.p.A.	
via Antica di Cassano, 23	3, 20063
Cernusco sul Naviglio (N	/I), Italy
Arexons S.p.A.	
Tel. +39 (0)2/924361 - Fa	ax +39 (0)2/92436306
Competent person responsible	
arexons@arexons.it	,
1.4. Emergency telephone num	ber
Arexons S.p.A.	
Tel. +39 (0)2/924361 - Fa	ax +39 (0)2/92436306
	ia IRCCS- Fondazione Maugeri tel. +39 (0)382 24444 (h24; it, en)
In England and Wales: N	
In Scotland: NHS 24 - dia	
	spital - National Poisons Information Centre 01 809 2166 (7days, 8:00 -
22:00)	
,	nformation Helpline 0861 555 777

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

- Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.
- Warning, Skin Irrit. 2, Causes skin irritation.
- Warning, Eye Irrit. 2, Causes serious eye irritation.
- Warning, STOT SE 3, May cause drowsiness or dizziness.
- Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.
- Adverse physicochemical, human health and environmental effects:
 - No other hazards

2.2. Label elements Hazard pictograms:



Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

34010/3

Page n. 1 of 12



Precautionary statements: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. 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. P271 Use only outdoors or in a well-ventilated area. P405 Store locked up. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. P501 Dispose of contents/container in accordance with applicable regulations. Special Provisions: None Contains Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics Isopropyl alcohol Special provisions according to Annex XVII of REACH and subsequent amendments: None Regulation (EC) nr 648/2004 (detergents). Product contents: > 30 % Aliphatic hydrocarbons The product also contains: Perfumes Allergens: d-limonene 2.3. Other hazards vPvB Substances: None - PBT Substances: None Other Hazards: No other hazards **SECTION 3: Composition/information on ingredients** 3.1. Substances N.A. 3.2. Mixtures Hazardous components within the meaning of the CLP regulation and related classification: >= 70% - < 80% Hydrocarbons, C3-4 REACH No.: 01-2119486557-22, Index number: 649-199-00-1, CAS: 68476-40-4, EC: 270-681-9 2.2/1 Flam. Gas 1 H220 2.5/L Press. Gas (Liq.) H280 DECLK (CLP)* >= 20% - < 25% Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics REACH No.: 01-2119475515-33, EC: 927-510-4 2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 1.2/2 Skin Irrit. 2 H315 1.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 >= 2% - < 3% Isopropyl alcohol REACH No.: 01-2119457558-25, Index number: 603-117-00-0, CAS: 67-63-0, EC: 200-661-7 2.6/2 Flam. Liq. 2 H225 1.3/2 Eye Irrit. 2 H319 1 3.8/3 STOT SE 3 H336

34010/3 Page n. 2 of 12



332 ppb DYPHENYL OXYDE

<1 ppb toluene

REACH No.: 01-2119471310-51, CAS: 108-88-3, EC: 203-625-9

🥸 2.6/2 Flam. Liq. 2 H225

3.10/1 Asp. Tox. 1 H304

1 3.2/2 Skin Irrit. 2 H315

3.7/2 Repr. 2 H361

3.9/2 STOT RE 2 H373

*DECLK (CLP): Substance classified in accordance with Note K, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 should apply. This note applies only to certain complex oil-derived substances in Part 3.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: None

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
 - Appropriate Extinguishing Media:

Not Recommended Extinguishing Media:

- 5.2. Special hazards arising from the substance or mixture Do not inhale explosion and combustion gases. Burning produces heavy smoke.
- 5.3. Advice for firefighters
 - Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into

34010/3

Page n. 3 of 12



drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
 - Wear personal protection equipment.
 - Remove all sources of ignition.
 - Remove persons to safety. See protective measures under point 7 and 8.
- 6.2. Environmental precautions
 - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.
 - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
- Wash with plenty of water. 6.4. Reference to other sections
- See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists.
 - Don't use empty container before they have been cleaned.
 - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight. Keep away from food, drink and feed.

None in particular.

Instructions as regards storage premises:

- Cool and adequately ventilated.
- 7.3. Specific end use(s) None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C3-4 - CAS: 68476-40-4
MAK - TWA: 2400 mg/m3, 1000 ppm
TLV TWA - 1900 mg/m3, 800 ppm

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

EU

Isopropyl alcohol - CAS: 67-63-0

20101.11 - TWA: 983 mg/m3, 400 ppm
20101.12 - TWA: 492 mg/m3, 200 ppm
ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair

DYPHENYL OXYDE - CAS: 101-84-8

EU - TWA(8h): 7 mg/m3, 1 ppm - STEL: 14 mg/m3, 2 ppm

34010/3 Page n. 4 of 12



ACGIH - TWA(8h): 1 ppm - STEL: 2 ppm - Notes: (V) - URT and eye irr, nausea toluene - CAS: 108-88-3 EU - TWA(8h): 192 mg/m3, 50 ppm - STEL: 384 mg/m3, 100 ppm - Notes: Skin ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - Visual impair, female repro, pregnancy loss **DNEL Exposure Limit Values** Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics Worker Professional: 300 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects Worker Professional: 508 ppm - Exposure: Human Inhalation - Frequency: Short Term, systemic effects Consumer: 149 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects Consumer: 109 ppm - Exposure: Human Inhalation - Frequency: Long Term, systemic effects Consumer: 149 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects Isopropyl alcohol - CAS: 67-63-0 Worker Professional: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal -Frequency: Long Term (repeated) Worker Professional: 500 mg/m3 - Consumer: 89 mg/m3 - Exposure: Human Inhalation -Frequency: Long Term (repeated) Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term (repeated) DYPHENYL OXYDE - ČAŠ: 101-84-8 Worker Industry: 59 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects Worker Industry: 25 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects **PNEC Exposure Limit Values** Isopropyl alcohol - CAS: 67-63-0 Target: Fresh Water - Value: 140.9 mg/l Target: Fresh Water - Value: 140.9 mg/l Target: Freshwater sediments - Value: 552 mg/l Target: Soil (agricultural) - Value: 28 mg/kg Target: Microorganisms in sewage treatments - Value: 2251 mg/l 8.2. Exposure controls Eye protection: Use close fitting safety goggles, don't use eye lens. Protection for skin: No special precaution must be adopted for normal use. Protection for hands: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. Respiratory protection: Use adequate protective respiratory equipment. Thermal Hazards: None Environmental exposure controls: None Appropriate engineering controls: None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	N.A.		
Odour:	N.A.		



Odour threshold:	N.A.	
pH:	N.A.	
Melting point / freezing point:	N.A.	
Initial boiling point and boiling range:	N.A.	
Flash point:	N.A.	
Evaporation rate:	N.A.	
Solid/gas flammability:	N.A.	
Upper/lower flammability or explosive limits:	N.A.	
Vapour pressure:	N.A.	
Vapour density:	N.A.	
Relative density:	N.A.	
Solubility in water:	N.A.	
Solubility in oil:	N.A.	
Partition coefficient (n- octanol/water):	N.A.	
Auto-ignition temperature:	N.A.	
Decomposition temperature:	N.A.	
Viscosity:	N.A.	
Explosive properties:	N.A.	
Oxidizing properties:	N.A.	

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.		
Fat Solubility:	N.A.		
Conductivity:	N.A.		
Substance Groups relevant properties	N.A.		

NA=not applicable



SECTION 10: Stability and reactivity

- 10.1. Reactivity Stable under normal conditions
- 10.2. Chemical stability Stable under normal conditions
- 10.3. Possibility of hazardous reactions
- None
- 10.4. Conditions to avoid Stable under normal conditions.
- 10.5. Incompatible materials Avoid contact with combus
 - Avoid contact with combustible materials. The product could catch fire.
- 10.6. Hazardous decomposition products None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
- Toxicological information of the product:
 - COCKPIT CLEANER High Gloss Scented Ocean SPRAY ML 600 a) acute toxicity
 - Based on available data, the classification criteria are not met b) skin corrosion/irritation
 - The product is classified: Skin Irrit. 2 H315
 - c) serious eye damage/irritation
 - The product is classified: Eye Irrit. 2 H319 d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met e) germ cell mutagenicity

Based on available data, the classification criteria are not met f) carcinogenicity

Based on available data, the classification criteria are not met g) reproductive toxicity

Based on available data, the classification criteria are not met h) STOT-single exposure

The product is classified: STOT SE 3 H336

i) STOT-repeated exposure

Based on available data, the classification criteria are not met $\boldsymbol{j})$ aspiration hazard

Based on available data, the classification criteria are not met Toxicological information of the main substances found in the product: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics a) acute toxicity: Test: LC50 - Route: Inhalation - Species: Rat > 23.3 mg/l - Duration: 4h Test: LD50 - Route: Oral - Species: Rat > 8 ml/kg Test: LD50 - Route: Skin - Species: Rat > 8 ml/kg Isopropyl alcohol - CAS: 67-63-0 a) acute toxicity: Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg Test: LD50 - Route: Skin - Species: Rat > 10000 Ppm - Duration: 6h

34010/3 Page n. 7 of 12



SECTION 12: Ecological information 12.1. Toxicity Adopt good working practices, so that the product is not released into the environment. Hydrocarbons, C3-4 - CAS: 68476-40-4 a) Aquatic acute toxicity: Endpoint: LC50 - Species: Daphnia = 14.22 mg/l - Duration h: 48 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics b) Aquatic chronic toxicity: Endpoint: EC50 - Species: Algae > 10-30 mg/l - Duration h: 72 Endpoint: LC50 - Species: Fish > 13.4 mg/l - Duration h: 96 Isopropyl alcohol - CAS: 67-63-0 a) Aquatic acute toxicity: Endpoint: LC50 - Species: Fish 4200 mg/l - Duration h: 96 Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 48 Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 12.2. Persistence and degradability None Isopropyl alcohol - CAS: 67-63-0 Biodegradability: Readily biodegradable - Duration: .10gg - %: 70 12.3. Bioaccumulative potential toluene - CAS: 108-88-3 Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentrantion factor 90 12.4. Mobility in soil N.A. 12.5. Results of PBT and vPvB assessment vPvB Substances: None - PBT Substances: None 12.6. Other adverse effects None

SECTION 13: Disposal considerations

13.1. Waste treatment methods Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information



14.1. UN number	
ADR-UN Number:	1950
IATA-UN Number:	1950
IMDG-UN Number:	1950
14.2. UN proper shipping name	
ADR-Shipping Name:	AEROSOLS, flammable
IATA-Shipping Name:	AEROSOLS, flammable
IMDG-Shipping Name:	AEROSOLS, flammable
14.3. Transport hazard class(es)	
ADR-Class:	2
ADR - Hazard identification nui	mber: -
IATA-Class:	2
IATA-Label:	2.1

34010/3 Page n. 8 of 12



IMDG-Class:	2
14.4. Packing group	
ADR-Packing Group:	-
IATA-Packing group:	-
IMDG-Packing group:	-
14.5. Environmental hazards	
ADR-Enviromental Pollutant:	No
IMDG-Marine pollutant:	No
14.6. Special precautions for user	
ADR-Subsidiary hazards:	See SP63
ADR-S.P.:	190 327 344 625
ADR-Transport category (Tunr	nel restriction code): 2 (D)
IATA-Passenger Aircraft:	203
IATA-Subsidiary hazards:	See SP63
IATA-Cargo Aircraft:	203
IATA-S.P.:	A145 A167 A802
IATA-ERG:	10L
IMDG-EmS:	F-D,
	S-U
IMDG-Subsidiary hazards:	See SP63
IMDG-Stowage and handling:	
IMDG-Segregation:	SG69
14.7. Transport in bulk according to A	Annex II of Marpol and the IBC Code
No	
Limited Quantity: 1 L	
Exempted Quantity: E0	

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) 2015/830 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP) Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: **Restriction 3 Restriction 40** Restrictions related to the substances contained: **Restriction 48**

Pronto all'Uso Volatile Organic compounds - VOCs = 94.04 % Volatile Organic compounds - VOCs = 940.38 g/Kg Volatile CMR substances = 0.00 % Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

34010/3

Page n. 9 of 12



Organic Carbon - C = 1.23 Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III) Regulation (EC) nr 648/2004 (detergents). Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 Product belongs to category: P3a

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture. Substances for which a Chemical Safety Assessment has been carried out: None

SECTION 16: Other information

Text of phrases referred to under heading 3:

- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- H319 Causes serious eye irritation.
- H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Press. Gas (Liq.)	2.5/L	Gases under pressure (Liquefied gas)
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3



Paragraphs modified from the previous revision:

SECTION 3: Composition/information on ingredients SECTION 7: Handling and storage SECTION 8: Exposure controls/personal protection SECTION 12: Ecological information SECTION 14: Transport information SECTION 15: Regulatory information SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222+H229	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical
	Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS	European Inventory of Existing Commercial Chemical Substances.
GefStof	fVO: Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of
	Chemicals.
IATA:	International Air Transport Association.
IATA-DO	GR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-T	I: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
34010/3	

Page n. 11 of 12



INCI: KSt:	International Nomenclature of Cosmetic Ingredients. Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NA:	Not applicable
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.