

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

1.1 Product identifier

Q11 Cockpit Cleaner Vanilla 5901299006405

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

Relevant identified uses: cockpit cleaner.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Distributor: SENA E. I N. GRZADKA SP.J

Address: STREET PTASIA 12A,26-600 RADOM, POLAND

Telephone/fax: TEL :.+48 48 366 57 10, FAX : +48 48 366 57 32

E-mail address for a competent person responsible for sds: biuro@sena.com.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as posing a risk for human health and for the environment.

2.2 Label elements

Hazard pictograms and signal words

None.

Names of substances mentioned on label

None.

Hazard statements

None.

Precautionary statements

None.

Additional labelling

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Composition according to 648/2004/EC regulation

non-ionic surfactants (<5%), perfumes (Benzyl benzoate)

preservation agents (Methylchloroisothiazolinone, Methylisothiazolinone, 2-Bromo-2-nitropropane-1,3-diol)

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

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3.2 Mixtures

CAS number: 120-51-4 EC number: 204-402-9 INDEX number: 607-085-00-9 Registration number: -	<u>benzyl benzoate</u> ¹ Acute Tox. 4 H302, Aquatic Chronic 2 H411	≤ 0,3%
CAS number: 55965-84-9 EC number: - INDEX number: 613-167-00-5 Registration number: -	<u>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)</u> Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, Skin Corr.1B H314, Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410 (M=10)	< 0,0011%

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: wash contaminated skin thoroughly with water and soap and rinse thoroughly. Take off contaminated clothes. Wash clothes before reuse. Consult a doctor, if disturbing symptoms occur.

Eye contact: remove contact lenses, protect non-irritated eye. Rinse contaminated eyes with water for at least 15 minutes. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist, if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical advice, show label or container.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: redness, skin cracking, dryness, degreasing of skin possible. Allergic reaction possible by susceptible people.

Eye contact: redness, tearing, slight irritation possible.

Ingestion: abdominal pains, vomiting, nausea, diarrhoea possible.

Inhalation: high concentration of vapours or mist may cause irritation of mucous membrane of eyes, tearing, redness of conjunctivitis, coughing, burning sensation in the throat and nose.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: adjust firefighting measures to the surrounding materials.

Unsuitable extinguishing media: water jet – risk of propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During combustion harmful gases consisting of carbon oxides and other unidentified products of decomposition may be produced. Do not inhale combustion products, it may cause health risk.

5.3 Advice for firefighters

Product is not flammable. Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water fog from safe distance. Do not let used extinguishing water enter sewage system or drainage.

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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that only the trained personnel removes the effects of the accident. In case of large spills, isolate the exposed area. Avoid eyes and skin contamination. Ensure adequate ventilation. Do not inhale product vapors. Wear adequate personal protective equipment.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services. Do not let the product to enter sewage, ground waters, cellars, closed areas.

6.3 Methods and material for containment and cleaning up

Place damaged container in a sealed emergency container. Collect product using liquid binding materials (eg. sand, earth, silica, universal binding substances, Vermiculit etc.) and place it in correctly labelled containers. Treat collected material as waste. Flush product residues with water. Ventilate contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices only in well ventilated areas. Do not drink, eat or smoke during work. Use personal protective equipment. Avoid eye and skin contact. Do not inhale product vapours. Ensure adequate ventilation. Before break and after work wash hands carefully. Keep the unused containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry, cool and well ventilated place. Store in original, tightly sealed containers. Keep away from food, and animal feed. Containers which were opened should be resealed and stored upright to avoid leaking of the product. Store away from oxidizers.

7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

There are no occupational exposure limit values at working place for the substances present in the mixture at the European Union level. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC

Please check any national occupational exposure limit values in your country.

8.2 Exposure controls

Observe good occupational hygiene and safety practices. Ensure adequate ventilation. Provide general ventilation in the workplace in order to maintain the concentration of harmful factors below the permissible values. Do not eat, drink or smoke when using the product. Wash hands thoroughly before breaks and after work.

Hand and body protection

Use adequate protective gloves in case of direct contact with the product.

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

Eye protection: use tightly fitting protective glasses.

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Respiratory protection: under normal conditions of use is not required.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid direct release to sewage system or surface water. Contamination of surface water and drains with chemicals or emptied containers is prohibited. Uncontrolled release into surface water should be reported to the competent authorities in accordance with national or local legislations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	milky
odour:	characteristic
odour threshold:	not determined
pH:	9
melting point/freezing point:	not determined
initial boiling point and boiling range:	ca. 100°C
flash point:	not applicable, incombustible
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits :	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,0 g/cm ³
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is slightly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.3 and 10.5

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are known.

10.4 Conditions to avoid

Not known.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

Not known.

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Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity of components

benzyl benzoate [CAS 120-51-4]

LD₅₀ (oral, rat): > 2 000 mg/kg [OECD Guideline 401]

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) [CAS 55965-84-9]

LD₅₀ (oral, rat): 457 mg/kg

LD₅₀ (dermal, rabbit): 660 mg/kg

LC₅₀ (inhalativ, rat): 0,33 mg/L

Toxicity of mixture

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute toxicity

ATE_{mix} (oral) > 2000 mg/kg

ATE_{mix} (dermal) > 2000 mg/kg

ATE_{mix} (inhalation) > 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met. The product contains a component, which may cause allergic reaction by susceptible people.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Toxicity of components

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) [CAS 55965-84-9]

LC₅₀ Fish (*Lepomis macrochirus*) 0,28 mg/dm³/96 h

EC₅₀ Daphnia (*Daphnia magna*) 0,16 mg/dm³/48 h

EC₅₀ Bacteria (*Scenedesmus capricornatum*) 0,018 mg/dm³/72h

Toxicity of mixture

Product is not classified as hazardous for the environment.

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12.2 Persistence and degradability

Surfactants used in the product meet the biodegradability requirements in accordance with Regulation (EC) no 648/2004/EC.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

The product is soluble in water. Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Substances contained in the product are not classified as PBT or vPvB.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the mixture: disposal of chemical wastes in accordance with the local legislation. Store residues in original containers. Do not empty into sewage system. Waste code should be assigned in place of formation.

Disposal methods for used packing: reuse/recycle/eliminate empty containers in accordance with the local legislation. Only completely empty containers can be reused. Treat contaminated containers as hazardous waste.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN Number

Product is not classified as dangerous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

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

Not applicable.

Section 15: Regulatory information

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

Commission Regulation (EU) **2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance) as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
Acute Tox. 3	Acute toxicity, category 3
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Skin Sens. 1	Skin sensitization
Aquatic Acute 1	Hazardous to the aquatic environment, category 1
Aquatic Chronic 1, 2	Hazardous to the aquatic environment, category 1, 2

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and data sources

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases as well as our knowledge and experience, taking into account current legislation.

Additional information

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended. The acute toxicity estimate (ATE_{mix}) for the classification of a substance in a mixture was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP.

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Version: 1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.