

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** SCREEN / TFT SCHAUMREINIGER**Product code:** 760.400.000**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).**1.3. Details of the supplier of the safety data sheet****Company name:** ECS AG

Roosstrasse 53

CH-8832 Wollerau

Switzerland

Tel: +41 (0)44 / 787 53 56**Email:** gunnar.kleinmann@ecsag.com**1.4. Emergency telephone number****Emergency tel:** Germany: Intoxications Information Center; +49 761 19240

Switzerland: Swiss Toxicological Information Centre; +41 44 251 51 51

Austria: Intoxication information center; +43 1 406 43 43

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Aerosol 1: H222; -: H229**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated.**2.2. Label elements****Label elements:****Hazard statements:** H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

Hazard pictograms: GHS02: Flame**Signal words:** Danger**Precautionary statements:** P102: Keep out of reach of children.

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.

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P251: Do not pierce or burn, even after use.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

2.3. Other hazards

Other hazards: In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BUTANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10.000%

PROPANE

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	5.000%
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Contains: <5% aliphatic hydrocarbons, <5% anionic surfactants, perfumes.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Observe risk of aspiration if vomiting occurs. Wash out mouth with water. Consult a doctor.

Inhalation: Provide fresh air. In case of allergic symptoms., especially in the breathing area, seek medical advice immediately.

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

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

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

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

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

Delayed / immediate effects: Based on available data, the classification criteria are not met.

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

Immediate / special treatment: Treat symptomatically.

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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Foam Extinguishing powder. Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Vapours can form explosive mixtures with air.

5.3. Advice for fire-fighters

Advice for fire-fighters: In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Danger of explosion.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Treat the assimilated material according to the section on waste disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS. Safe handling: see section 7

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Advice on safe handling

Do not pierce or burn, even after use. Advice on protection against fire and explosion
Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep away from sources of ignition. Smoking is forbidden. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air. Further information on handling
Heating causes rise in pressure with risk of bursting.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Advice on storage compatibility

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Do not store together with: Oxidising agent. Pyrophonic or self-heating substances.

Further information on storage conditions:

Keep away from food, drink and animal feedingstuffs.

Protect against: Frost

7.3. Specific end use(s)

Specific end use(s): PC35: Washing and cleaning products (including solvent based products).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

BUTANE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1450 mg/m ³	1810 mg/m ³	-	-

PROPANE

UK	1800 mg/m ³	7200 mg/m ³	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Take off contaminated clothing. Wash hands before breaks and after works. When using do not eat or drink

Respiratory protection: Respiratory protection not required.

Hand protection: Hand protection is not required. Wash hands thoroughly after handling. Apply skin care products after work.

Eye protection: Safety glasses. Suitable eye protection: Eye glasses with side protection DIN EN 166

Skin protection: Not applicable.

Environmental: Usually no personal respiratory protection necessary.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: opaque

Odour: like: Lemon

Solubility in water: Highly soluble

Boiling point/range°C: < -20°C

Flammability limits %: lower: 1,3 Vol.-%

Flash point°C: < -20°C

Vapour pressure: not determined-

Melting point/range°C: not determined.

upper: 10,8 Vol.-%

Autoflammability°C: not determined.

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Relative density: at 20°C: 0,918 g/cm

pH: at 20°C: 8,0-9,0

9.2. Other information

Other information: In use, may form flammable/explosive vapour-air mixture.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Extremely flammable aerosol.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: No known hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid: Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No dangerous decomposition products known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	750	mg/kg
GASES	RAT	4H LC50	658	mg/l

Symptoms / routes of exposure

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

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

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

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

Delayed / immediate effects: Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1. Toxicity

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Ecotoxicity values:

Species	Test	Value	Units
FISCH	96H LC50	27,98	mg/l
ALGAE	96H ErC50	7,71	mg/l

12.2. Persistence and degradability

Persistence and degradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste code number: 16 05 04

Disposal of packaging: Completely emptied packages can be recycled.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2 (5F)

14.4. Packing group

Packing group: -

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14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: Warning: Flammable gases

Tunnel code: D

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: not applicable

Section 15: Regulatory information

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

Specific regulations: EU regulatory information

2004/42/EC (VOC): 10,4 % (95,42 g/l)

2010/75/EU (VOC): 10,4 % (95,42 g/l) Additional information

Regulation: 648/2004 (Detergents regulation);

Aerosol directive (75/324/EEC). National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

