



MATERIAL SAFETY DATA SHEET

Anti-Germ Screen Cleaner

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Effective Date: 2015/04/01

Edition: 1.2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Product details

Trade name: Anti-Germ Screen Cleaner
Article number: SC-0112

Manufacturer / Supplier

PROCARE INTERNATIONAL CO.







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Information in case of emergency: +886 (02) 2727 3268

2. COMPOSITION / INFORMATION ON INGREDIENTS.

CHEMICAL NAME.	CAS NO.	Weight %	Health (Class)	Risk Phrases
Distilled Water	7732-18-5	96.2%		
Low Activeness Additive	107-98-2	3.0%		H226  /336
Anti-Germ	90045-43-5	0.1%		
Anti-Static	140-88-5	0.3%	Xi  , Xn 	H226  /H226/319/303
Fragrance	8000-28-0	0.4%	Xn 	H226  /H226/319/303

Especial Notice: This cleaning liquid is cleaner without any kind tenside

3. HAZARDS IDENTIFICATION.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272 / 2008

The product is not classified according to the CLP regulation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Information concerning particular hazards for human and environment:

The product has not been classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC.

Classification system:

The classification is according to the EU Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC, and extended by company and literature data.

Label elements

Labeling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

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4. FIRST AID MEASURES.

Description of first aid measures

After Inhalation: Supply fresh air; consult doctor in case of complaints.

After Skin Contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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.

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available

5. FIRE FIGHTING MEASURES.

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available

Advice for firefighters

Protective equipment: Mouth respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES.

Person precaution, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Environmental precautions: Do not allow to enter sewers / surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binder, and sawdust).

Reference to other sections

No dangerous substances are released

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

7. HANDLING AND STORAGE.

Handling:

Precautions for safe handling: Store in cool, dry place in tightly closed receptacles.

Information about fire – and explosion protection: Keep ignition sources away – Do not smoke.

Conditions for safe storage, including any incompatibilities

Storage:

Requirement to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from flammable substances.

Further information about storage conditions: Store in a cool place.

Specific end use(s) No further relevant information available

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Ingredient Name	CAS No.	STD (8 hours)	TWA EXP	STEL (15Min)
Propylene Glycol Methyl Ether	107-98-2	100ppm		150ppm

INGREDIENT COMMENTS.

The balance of the ingredients is made up of low hazard chemicals.

ENGINEERING CONTROLS.

Use with good general ventilation. No special controls required,

RESPIRATORY PROTECTION.

No special controls or personal protection required under conditions of intended use.

In the event of a spill, a NIOSH-certified air-purifying respirator with organic vapor cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits and when adequate oxygen is present. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

EYE PROTECTION.

Avoid contact with the eye. No special controls or personal protection required under conditions of intended use. In the event of a spill, appropriate eye protection should be worn.

SKIN PROTECTION.

No special controls or personal protection required under conditions of intended use.
In the event of a spill, use rubber gloves.

ADDITION PROTECTIVE CLOTHING & EQUIPMENT

NA

9. PHYSICAL AND CHEMICAL PROPERTIES.

Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid
Color: Transparent
Odor: Odorless

Flash point (°C): >99 [**ASTM Method D1310-86**]

Self-ignition: Product does not present an explosion hazard

Other information No further relevant information available

10. STABILITY AND REACTIVITY.

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reaction No dangerous reactions known.

Conditions to avoid No further relevant information available

Incompatible material No further relevant information available

Hazardous decomposition products: No dangerous decomposition products known.

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11. TOXICOLOGICAL INFORMATION.

Information on toxicological effects

- **Acute toxicity:**
LD/LC 50 value relevant for classification:
- **Fragrance**

Oral	LD50	5660 mg/kg (rat)
Dermal	LD50	13000mg/kg(rabbit)
Inhalative	LD50/4 h	6mg/l (rat)
- **Primary irritant effect:**
- **On the skin:** Irritating effect possible
- **On the eye:** Irritating effect possible
- **Sensitization:** Sensitization possible through skin contact
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method based on the EU Directives(67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC).
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Toxic kinetics, metabolism and distribution:** Not available
- **Acute effects (acute toxicity, irritation and corrosivity):** Not available
- **Repeated dose toxicity:** Not available
- **CMR effects (carcinogenetic, mutagen city and toxicity for reproduction):** Not available

NOTED: Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION.

Toxicity

Acquatic toxicity: No further relevant information available

Persistence and degradability No further relevant information available

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available

Mobility in soil No further relevant information available

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available

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13. DISPOSAL CONSIDERATIONS.

Waste treatment methods

Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Unclean packaging:

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

14. TRANSPORT INFORMATION.

In the case of transportation, confirm no leakage and no overspill from a container. Take in a cargo of them without falling, dropping and breakage. Prevent collapse of cargo piles and wet by rain. The container must be handled carefully. Please refer to Section 7-Handling and Storage also Codes and classification according to international regulations for transport.

LABEL FOR CONVEYANCE:

NO TRANSPORT WARNING SIGN REQUIRED.

ROAD: No classified

RAIL: No applicable

SEA: No applicable

AIR: No applicable

IATA: No classified

IMDG : Non-regulated

Not classified as dangerous under the current edition of the IATA dangerous goods Regulations and all applicable carrier and governmental regulations.

Transport in bulk according to Annex II of MARPOL73 / 78 and the IBC Code: No applicable

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15. REGULATORY INFORMATION.

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

SARA TITLE III (Superfund Amendments and Reauthorization Act):

SECTION 302 (Extremely Hazardous Substances): No Components Listed

SECTION 311, 312 (Hazard Categories): Fire, Acute, Chronic

SECTION 313 (Toxic Chemicals): No Components Listed

Labeling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Observe the general safety regulation when handling chemicals.

The product is not subject to identification regulation under EU Directives 67/548/EEC, 1999/45/EC and 1272/2008/EC.

LABEL FOR SUPPLY:

NOT CLASSIFIED.

RISK PHRASES IN FULL:

10 Flammable

22 Harmful if swallowed

36 Irritating to eyes

67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES:

2, 16, 23, 46

Keep out of the reach children / Keep away from ignition / Don't breathe vapour / Don't swallowed

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorization (Nov 2012)

None of the ingredient is listed

REACH Regulation Title XIV Authorization (31/05/2012) None of the ingredients is listed

REACH Annex XVII (Section 23, 27, 28, 29, 30, 61) None of the ingredients is listed

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

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16. OTHER INFORMATION

The contents and format of this MSDS/SDS are in accordance with REGULATION(EC) No 1907/2006, 1272/2008 and EU Commission Directive 1999/45/EC, 67/548/EEC

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reason, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

- Relevant R-phases
10 Flammable.<H226>
22 Harmful if swallowed<H303>
36 Irritating to eyes<H319>
67 Vapours may cause drowsiness and dizziness.<H336>

Recommended restriction of use:

REACH Annex XVII Restricted-3

Liquid substances or mixtures, which are regarded as dangerous according to the definitions in Directive 67/548/EEC and Directive 1999/45/EC.

1-methoxy-2-propanol (CAS no.107-98-2)

1. Shall not be used in:

- ornamental articles, intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- Games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

2. Articles not complying with paragraph 1 shall not be placed on the market.

3. Shall not be placed on the market if they contain a colouring agent unless required for fiscal reasons or perfume or both and if they:

- present an aspiration hazard and are labeled with R65 or H304, and,
- can be used as fuel in decorative lamps, and,
- are packaged in containers of a capacity of 15 liters or less.

4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN)

5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labeling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of substances and mixtures covered by paragraph 3, where intended for use in lamps, is marked visibly, legibly and indelibly as follows:

(a) "Keep lamps filled with this liquid out of the reach of children."

(b) grill lighter fluids, labeled with R65 or H304 intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage"

(c) lamp oils and grill lighter, labeled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 liter by December 2010.

6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labeled R65 or H304, intended for supply to the general public.

7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids. Labeled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labeled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.

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16. OTHER INFORMATION

Recommended restriction of use:

REACH Annex XVII Restricted-40

Substance meeting the criteria of flammability in Directive 67/548/EEC and classified as flammable, highly flammable or extremely flammable regardless of whether they appear in Part 3 Annex VI to Regulation (EC) No 1272/2008 or not.

1-methoxy-2-propanol (CAS No.107-98-2)

1. Shall not used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended main for decoration,
- artificial snow and frost,
- “whoopie” cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

2. Without prejudice to the application of other Community provisions on the classification, packaging and labeling of substance, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is market visibly, legibly, and indelibly with:

“For professional users only”.

3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC.

4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

MAL-Code: *Maleteknisk Arbejdshygiejnisk Luftbehov* (Regulation for the labeling concerning inhalation hazards, Denmark)

DNEL: Derived No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal does, 50 percent

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