



MATERIAL SAFETY DATA SHEET

According to Regulation (EU) 435/2010

Disc Cleaning liquid

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

Product details

Trade name: Surface Cleaning liquid

Article number: DC-0001

Date 2011-12-09

Manufacturer / Supplier

PROCARE INTERNATIONAL CO.

5F, No. 88, ZhouZih St., NeiHu District, Taipei, Taiwan, R.O.C

Tel: +886-2-2627 2168

Fax: +886-2-2627 6568

Information in case of emergency: +886 (02) 2627 2168

2. COMPOSITION / INFORMATION ON INGREDIENTS.

CHEMICAL NAME.	CAS NO.	Weight %	Health (Class)	Risk (R No.)
Distilled Water	7732-18-5	>95.60%		
Low Activeness Additive	67-63-0	≤4.00%	Xi	36, 67
Anti-Static	140-88-5	≤0.4%		

3. HAZARDS IDENTIFICATION.

- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure based on the EU directives of classification and labeling of substance and preparations (67/548/EEC, 1999/45/EC).
- **Classification system:**
The classification is according to the latest editions of the EU Directives 67/548/EEC and 1999/45/EC, and extended by company and literature data.

4. 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.

After Eye Contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After Swallowing: If symptoms persist consult doctor.

5. FIRE FIGHTING MEASURES.

Suitable extinguishing agents:

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

Protective equipment: Mouth respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES.

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Dilute with plenty of water.

Do not allow to enter sewers surface or ground water.

Measure for cleaning / collecting:

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

Ensure adequate ventilation.

7. HANDLING AND STORAGE.

Handling:

Information 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.

Protect against electrostatic charges.

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:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Ingredient Name	CAS No.	REL(USA)Short-term		REL(USA)Long-term		TLV(USA)Short-term
		(1225 mg/ m ³)		(980 mg/ m ³)		
Isopropoanol	67-63-0	50	0ppm	400ppm		(984 mg/ m ³) 400ppm

INGREDIENT COMMENTS

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

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9. PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE:

Fluid

FLASH POINT (°C):

> 95 °C

10. STABILITY AND REACTIVITY.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION.

- **Acute toxicity:**
LD/LC 50 value relevant for classification:
Oral LD50 5045 mg/kg (rat)
Dermal LD50 12800mg/kg(rabbit)
Inhalative LD50/4 h 30mg/l (rat)
- **Primary irritant effect:**
- **On the skin:** Irritating effect possible
- **On the eye:** Irritating effect possible
- **Sensitization:** Sensitization possible through skin contact
- **Toxic kinetics, metabolism and distribution:** Not available
- **Acute effects (acute toxicity, irritation and corrosively):** Not available
- **Repeated dose toxicity:** Not available
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):** Not available

12. ECOLOGICAL INFORMATION.

Oral (LD 50): 5045 mg/ kg (rat)
Dermal (LD 50): 12800 mg/ kg (rabbit)
Inhalative (LC50/4 h): 30mg/ L (rat)

ENVIRONMENTAL HAZARDS

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS.

Product:

Recommendation:

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

Unlearned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATIONS.

LABEL FOR CONVEYANCE: NO TRANSPORT WARNING SIGN REQUIRED.

ROAD: NOT Classified.

RAIL: NOT Classified.

SEA: NOT Classified.

AIR: NOT Classified.

IATA: NOT Restricted

15. REGULATORY INFORMATION.

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives 67/548/EEC, 1907/2006/EC Article 31 (Rev. 23.12.2010), 1272/2008/EC and REACH annex II.

16. OTHER INFORMATION

DISCLAIMER OF LIABILITY

The contents and information of this MSDS/SDS were accordance with EU regulation 435/2010 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
R36 Ir ritating to eyes.
R67 V apors may cause drowsiness and dizziness.

End of document