



**TECHNOGREEN USA, LLC., 49 Kieffer Lane, Kingston, New York, 12401**

**PRODUCT : MICRO-NICE® D-5 For Cooling ( BIODEGRADABLE PRODUCT )**

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

**Product Name:** MICRO-NICE® D – 5 For Cooling systems  
( Biodegradable Product )  
**Manufacturer:** Technogreen Company Limited  
**Emergency Telephone Number:** (518) 372-0410

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	% W/V
Sodium Lauryl Ether Sulfate	9004-82-4	2.5 %
Fatty Alcohol C10-C16 with 1.2 Moles PO and G, 4 Moles EO	69227-22-1	3.0%
Alkyl Polyethylene Glycol	5322-68-3	3.0%
Propylene Glycol	57-55-6	3.0 %
Proprietary mixture of plant-based liquid (Phytochemical) as a major active ingredient		38.5%
Water	7732-18-5	50%

This product is water-based, non-volatile, non-toxic, non-flammable, non-CFC, anti-static, biodegradable and does not contain phosphates, silicates, petroleum surfactants or solvents, petroleum distillates, and other chlorinates. All of this product’s ingredients are either listed or exempt from the TSCA inventory.

**3. HAZARDS IDENTIFICATION**

**Most Important Hazards:** None

**HMIS / NFPA:**



**Specific Hazards:** May cause eye irritation if sprayed directly into eyes. If irritation does occur, rinse well with clean water.

**4. FIRST AID MEASURES**

**Inhalation:** Non-reactive – no first aid needed.

**Skin Contact:** Non-irritating – no first aid needed. Prolonged contact may cause skin dryness.

**Eye Contact:** Rinse thoroughly with plenty of water.

**Ingestion:** Non-reactive – Drink a lot of water or milk and consult a Physician

**Carconigen:** No ingredients are listed by OSHA, IARC, or NTP as known or suspected as carcinogenic.



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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** No need.  
**Specific Hazards:** None  
**Specific Methods:** Normal or standard.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** No need.  
**Environmental Precautions:** No need.  
**Methods for cleaning Up:** Wash away with water, no specific disposal method required.

**7. HANDLING AND STORAGE**

**Technical Measures/Precautions:** Store in room temperature with plenty of ventilation and away from direct sunlight.  
**Safe Handling Advice:** No special handling advice necessary.  
**Technical Measures/Storage Conditions:** No special condition.  
**Incompatible Products:** No special restriction on storage with other products.  
**Packaging Material:** No restriction.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures:** General room ventilation is satisfactory.  
**Control Parameters:** No need.  
**Personal Protection Equipment**  
**Respiratory:** No need.  
**Eye:** No need.  
**Hand:** rubber gloves for sensitive users.  
**Hygiene Measures:** Avoid contact /splash into the eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>% Volatile by Volume:</b> N/E	<b>Melting Point/Range:</b> N/E
<b>Boiling Point/Range:</b> 100°C	<b>Odor:</b> Herbal odor
<b>Color:</b> Transparent Light Bluish green	<b>pH:</b> 10-11
<b>Vapor Density:</b> N/E	<b>Specific Gravity:</b> 1.05 ± 0.05 @ 25°C
<b>Flash Point:</b> N/E	<b>Viscosity:</b> 45-50 mm <sup>2</sup> /sec.
<b>Freezing Point:</b> 0 °C	<b>Water Solubility:</b> 100%



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**10. STABILITY AND REACTIVITY**

**Conditions to Avoid:** None  
**Materials to Avoid:** None.  
**Hazardous Decomposition Products:** None.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** LD<sub>50</sub>: > 5,000 mg/kg body weight  
**Local Effects:** None.  
**Specific Effects:** None.

**12. ECOLOGICAL INFORMATION**

**This product is 88% biodegradable ( in 9 days ) in accordance with OECD Method 301 B .**

**13. DISPOSAL INFORMATION**

**Waste from Residues/Unused Products:** No waste from residues and is 88% biodegraded in 9 days.  
**Contaminated Packaging:** Dispose of in compliance with the Environmental Protection Agency (duty of care) Regulations 1991 if contaminated with hazardous materials. Product may be disposed of in neat form.

**14. TRANSPORT INFORMATION**

Not classified as dangerous for the purpose of transportation regulations.

**15. REGULATORY INFORMATION**

Product complies with all known regulatory considerations and is not required to be listed under special regulatory conditions.

**16. OTHER INFORMATION**

**For further information, contact the TECHNOGREEN USA, LLC.**

**Recommended Uses:** Water Additive in cooling systems

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.