

MATERIAL SAFETY DATA SHEET



Chemifloc Ltd

NODOROL

Responsible Person: Chemifloc Ltd, Smithstown Ind. Estate, Shannon, Co. Clare. +353 61-708650	Emergency Telephone: Chemifloc Ltd, +353 61-708650
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation : Terpenic derivatives with low terpenic alcohol content.

3. HAZARDS IDENTIFICATION

R10 – Flammable
R36/38 – Irritating to eyes and skin.

4. FIRST AID MEASURES

Inhalation : Move to fresh air in case of accidental inhalation of vapours.

Skin contact : Wash immediately with plenty of water. In case of persistent skin irritation, consult a physician.

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. In case of irritation consult a physician.

Ingestion : Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam, carbon dioxide (CO₂), dry powder

Special fire-fighting precautions : Burning produces irritant fumes. Cool containers / tanks with water spray.

Special protective equipment : In case of fire, wear a self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Environmental precautions : Do not contaminate water.

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7. HANDLING AND STORAGE

- Handling :** Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.
- Storage :** Keep in a dry, cool place (0-30°C). Keep away from heat and sources of ignition. Store in original container. Keep container tightly closed. Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures to reduce exposure :** Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.
- Personal protection equipment**
- **Respiratory protection :** In case of insufficient ventilation wear suitable respiratory equipment.
 - **Hand protection :** Gloves are recommended (nitrile rubber).
 - **Eye protection :** Safety glasses with side-shields. Do not wear contact lenses.
 - **Skin and body protection :** Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
 - **Hygiene measures :** Wash hands before breaks and immediately after handling the product. When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form :** liquid
- Colour :** amber
- Odour :** pine
- pH :** ~7 (@ 1 g/l)
- Flash Point :** 43°C
- Bulk density :** 0.89 g/l @20 °C
- Water solubility :** dispersible

10. STABILITY AND REACTIVITY

- Stability :** Product is stable, no hazardous polymerization will occur.

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Conditions to avoid : Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid : Incompatible with strong mineral acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- **Oral :** LD50/oral/rat > 2000 mg/kg (OECD 401)

- **Dermal :** No data available.

Irritation

- **Skin :** Irritating to skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Environmental fate

No data available.

- **Bioaccumulation :** No data available

- **Persistence / degradability :** No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused packages : Can be incinerated, when in compliance with local regulations.

Contaminated packaging : Offer rinsed packaging material to local recycling facilities.

14. TRANSPORT INFORMATION

ADR / RID	Proper shipping name : Hazard class :	TERPENES HYDROCARBONS N.O.S. 3 UN Number : 2319
IMO / IMDG	Proper shipping name : Marine pollutant :	TERPENES HYDROCARBONS N.O.S. UN Number : 2319 Packing group : III No
ICAO / IATA	Proper shipping name : Hazard class :	TERPENES HYDROCARBONS N.O.S. 3 ID No : 2319

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15. REGULATORY INFORMATION

Symbols :



R-phrases :

- R10 - Flammable
- R36/38 - Irritating to eyes and skin

S-phrases :

- S16 - Keep away from sources of ignition – No smoking
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 - Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

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 a 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 may not be valid for such material used in combination with any other materials or in any process unless specified in the text.