

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

Product Name: NITROXINIL

Chemical Formula: C₇ H₃ IN₂ O₃

Synonym: 4-Hydroxy-3-iodo-5-nitrobenzotrile.

Company Identification: Lasa Supergenerics Limited
C-105, MIDC, Mahad (Dist. - Raigad), Pin : 402302
Telephone No. - 022-4970 1092.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS# | Chemical Name | Percent by Weight |
|-----------|---------------|-------------------|
| 1689-89-0 | Nitroxinil | 98.0 % |

SECTION 3. HAZARD IDENTIFICATION

Eye: Causes eye irritation.

Skin: Causes skin irritation. Harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. Toxic if swallowed.

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

SECTION 4. FIRST AID

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while

removing contaminated clothing and shoes. Get medical aid if irritation develops and persists. Ingestion: Get medical aid immediately. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

SECTION 5. FIRE AND EXPLOSION

General Information: As in any fire, wear a self-contained breathing apparatus, and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

SECTION 6. ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation

SECTION 7. HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.

Storage: Should be protected from light.

SECTION 8. PERSONAL PROTECTION/EXPOSURE CONTROLS

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.



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Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid.

Color: Yellow to yellowish brown.

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available

Autoignition Temperature: Not available.

Flash Point: Not available.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature: Not available.

Molecular Formula: $C_7H_3IN_2O_3$

Molecular Weight: 290

SECTION 10. REACTIVITY/STABILITY

Chemical Stability: Stable under normal temperatures and pressures.

Materials to avoid: Strong oxidizing agents.



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Conditions to Avoid: Incompatible materials.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides, iodine. Hazardous Polymerization: Has not been reported.

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS#:

CAS#: 1689-89-0:DI4600000

LD50/LC50: RTECS: Not available.

Carcinogenicity: Nitroxinil - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

SECTION 12. ECOLOGICAL INFORMATION

Not available

SECTION 13. DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14. TRANSPORTATION

IATA: This substance is considered to be non-hazardous for transport.

IMO: This substance is considered to be non-hazardous for transport.

RID/ADR: This substance is considered to be non-hazardous for transport.

SECTION 15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives



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Hazard Symbols: T

Indication of Danger: Toxic.

Risk Phrases:

R 22: Harmful if swallowed.

R 36/37/38: Irritating to eyes, respiratory system and skin.

R 43: May cause sensitization by skin contact.

Safety Phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36/37: Wear suitable protective clothing and gloves.

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

WGK (Water Danger/Protection)

CAS#1689-89-0: 3

Canada

CAS#1689-89-0: Not available

US Federal

TSCA

CAS# 1689-89-0 is not listed on the TSCA Inventory. It is for research and development use only.

SECTION 16 - ADDITIONAL INFORMATION

This document is intended only as a guide to the appropriate precautionary handling of material by a person trained in chemical handling. The user is responsible for determining the precautions & dangers of this chemical for his or her particular application depending on usage. Adequate protective clothing, including eye / face guards, approved respirators must be used to avoid contact with the material or breathing chemical vapors / fumes. Exposure to this product may cause adverse health effects.

This chemical may interact with other substances. Since the potential uses are so varied, M/s. **Lasa Supergenerics Limited**. cannot warn of all of the potential dangers of use or interaction with chemicals of materials. M/s. **Lasa Supergenerics Limited**. warrants that, the chemical meets the specifications set forth on the test report.

M/s. **Lasa Supergenerics Limited**. Disclaims any other warranties expressed or implied with regard to the product supplied hereunder its merchantability or its fitness for a particular purpose. The user should recognize that, this product can cause severe injury, especially if improperly handled or the known dangers of use are not heeded.

READ ALL PRECAUTIONARY INFORMATIONS.

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