

Section 1. Product and Company Identification

Item Number.: s2624-1
 Common Name.: Nigrosin 10% Aqueous
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave
 Bay Shore NY 11706

polyrnd@polyrnd.com

Section 2. Hazard Identification**HARMFUL IF SWALLOWED OR INHALED**

Avoid breathing dust or vapor. May be irritating to eyes, skin, and respiratory system. Wear safety goggles and rubber gloves to avoid contact. Wash thoroughly after handling. Keep container tightly closed.

EFFECTS OF EXPOSURE. Ingestion may cause nausea and abdominal pain. Mild irritant to skin and eyes.

TARGET ORGANS. None

FIRST AID. Call a physician at once!

For Fire. Use extinguishing media appropriate for surrounding fire.

For Spill. Eliminate ignition sources. Pick up with absorbent material and containerize for proper disposal.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits(A blank value indicates no information available) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

| Component | CAS# | PEL(mg/m3) | STEL(mg/m3) | CEIL(mg/m3) | Concentration Range |
|-------------------|---------|------------|-------------|-------------|---------------------|
| Ethyl Alcohol | 64-17-5 | | 1,900.00 | | >50% |
| Isopropyl Alcohol | 67-63-0 | 1,225.00 | 980.00 | | <5% |
| Picric Acid | 88-89-1 | | 0.10 | | 5-10% |
| Methyl Alcohol | 67-56-1 | 325.00 | 260.00 | | <5% |

Section 4. First Aid Measures

Eye Contact : Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact : Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention

Ingestion : Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention

Inhalation : Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention

The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media.: Water Spray. Carbon Dioxide, dry chemical powder, or appropriate foam

Special Fire and Explosion Remarks.: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special.: Wera protective equipment. Ventilate area and wash spill site after material pickup is complete.

Spill Cleanup.: Take up spills with absorbant material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling Special.: N/A

Storage and handling.: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment.: Safety glasses, Gloves, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls.: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

Section 9. Physical and Chemical Properties

| | | |
|-------------------------------------|------------------------------------|--|
| Appearance.....: Clear black liquid | Evaporation Rate.....: N/A | Water Soluable?.....: Yes |
| Odor.....: Pleasant | Upper Flammability Limit (%): N/A | Volatile Percent.....: 100 |
| Odor Threshold.....: N/A | Lower Flammability Limit (%): N/A | Partition Coefficient.....: n-octanol/water: N/A |
| pH.....: N/A | Specific Gravity (@20C).....: .791 | Auto Ignition Temp.....: N/A |
| Melting Point.....: N/A | Vapor Pressure (mm Hg).....: 52 | Decomposition Temp.....: N/A |
| Boiling Point.....: N/A | Vapor Density (Air=1).....: 1.6 | Viscosity.....: N/A |
| Flash Point (F) TCC.....: N/A | Relative Density.....: N/A | |

Section 10. Stability and reactivity

Special Remarks on Stability.: Stable

Special Remarks on Reactivity.: N/A

Water Reactive.: No

Section 11. Toxicological Information

Routes of Entry.: Inhalation, Skin absorbion, Ingestion

Animal Toxicity.: Ethyl Alc: Acute Oral (LD50): 7060 mg/kg (Rat); Acute Dermal (LD50): 500 mg/24hr (Rabbit); Methyl Alc: Acute Oral (LD50):5628 mg/kg (Rat); Acute Dermal (LD50) 500mg/24hr (Rabbit); Isopropyl Alc: Acute Oral (LD50):5045 mg/kg (Rat); Acute Dermal (LD50) 500mg (Rabbit); Picric Acid: Acute Orall (LDLo) 250 mg/kg (Cat) Subcutaneous (LDLo) 60 mg/kg

Human Toxic Effects .: Target Organs: Respiratory system, skin, eyes, CNS, liver, blood and reproductive system

Potential Acute Health Effects ...: Hazardous in case of eye,skin contact, inhalation,ingestion

Potential Chronic Health Effects ...: Isopropyl Alcohol: IARC Code 3

Section 12. Ecological Information

Ecological Information .: N/A

Section 13. Disposal Considerations

Waste Disposal.: Dispose of in accordance with local,state and federal laws.

Section 14. Transport Information

DOT Identification .: Non Hazardous

Section 15. Regulatory Information

State Regulations.: New York release reporting list: N/A

| Component | CAS# | Sara Section 311 Reporting | | | | | | | | | |
|-------------------|---------|----------------------------|---------|------|----------|----------|---------|---------|--------|------|--|
| | | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA | |
| Ethyl Alcohol | 64-17-5 | No | No | No | No | No | Yes | Yes | No | | |
| Isopropyl Alcohol | 67-63-0 | No | No | No | No | No | Yes | No | No | | |
| Picric Acid | 88-89-1 | No | No | No | No | No | Yes | No | No | | |
| Methyl Alcohol | 67-56-1 | No | No | No | No | No | Yes | Yes | No | | |

Section 16. Other Information

Review Date : 3/15/2023

Reviewed by : Admin

MSDS Group Id.: 338

Notice: This SDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here.

It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

While this SDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.