

MSDS

MATERIAL SAFETY DATA SHEET

Revised June 7, 1999

Oakwood Products, Inc.
1741 Old Dunbar Rd.
W. Columbia, SC 29172

Phone Numbers

Product Information	1-803-739-8800
Transportation Emergency	1-800-451-8346

MATERIAL IDENTIFICATION

NAME: **4-Nitrostyrene**

CAS #: [100-13-0]

MF: $C_8H_7NO_2$

SYNONYMS

None known

TOXICITY HAZARDS

Not Available

HEALTH HAZARD DATA

ACUTE EFFECTS

Harmful if swallowed, inhaled, or absorbed through skin. Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

FIRST AID

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Wash contaminated clothing before reuse.

PHYSICAL DATA

BOILING PT: 120°C/10mm

MELTING POINT: 29°C

APPEARANCE: Clear, yellow to amber liquid

FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.

Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions.

REACTIVITY DATA

Incompatibilities:

Strong acids.

Strong bases.

Strong oxidizing agents.

Strong reducing agents.

Hazardous combustion or decomposition products:

Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen.

SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

Absorb on sand or vermiculite and place in closed containers for disposal.

Ventilate area and wash spill site after material pickup is complete.

Waste disposal method:

Dissolve in 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 laws.

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Wear appropriate NIOSH/MSHA- approved respirator, chemical resistant gloves, safety goggles and other protective clothing.

Have safety shower and eye wash available. Use only in a chemical fume hood.

Do not breathe vapor.

Do not get in eyes, on skin, on clothing.

Wash thoroughly after handling.

Irritant.

Harmful vapor.

Keep container closed.

KEEP COLD.

Transport Information

Classed as non-hazardous for shipping.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.