

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Simon's Reagent Part A

Relevant identification uses of the substance and uses advised against:

Identified uses: The Simon's Reagent Part A is designed to identify unknown substances.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

TN Scientific LLC
Knoxville, TN
37931 USA

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Mutagenicity (Category 2)
Carcinogenicity (Category 1B)

Hazard Statement:

H341
H350

Label elements:

Hazard Pictogram:



Signal Word: Danger.

Hazard Statements:

H341 Suspected of causing genetic defects.
H350 May cause cancer.

Precautionary Statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.

Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.

Skin Contact: After contact with skin, wash immediately with plenty of soap and water. Consult a physician.

Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately.

Ingestion: Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

No information available.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Dry powder, water spray, foam.

Unsuitable extinguishing media: None.

Specific hazards arising from the chemical: Heating or fire can release toxic gas.

Special protective actions for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use respirator when performing operations involving potential accidental exposure to vapor of the product.

Environmental precautions: Prevent product from entering drains in case of spillage.

Methods for containment and cleaning up:

Wet vacuum spillage and collect in suitable container for disposal and wear full protective clothing incl. goggles and gloves. Do not flush into surface water or sanitary sewer system.

Section 7: Handling and Storage

Precautions for safe handling:

Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin and eyes.

Conditions for safe storage, including incompatibilities:

To maintain product quality, do not store in heat or direct sunlight. Keep container tightly closed. Keep in a dry, cool and well-ventilated place.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: No data available.

Exposure controls:

Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment:

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Respiratory protection: In the case of vapor formation use a respirator with an approved filter. Respirator with a vapor filter (EN 141).

Hand protection: Suitable material: Nitrile rubber - Break through time: > 480 min

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection: Tightly fitting safety goggles.

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (form): Liquid.

Color: Transparent ruby red.

Odor: Odorless.

Odor threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): No data available.

Flash point (°C): No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability/explosive limits: No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density: No data available.

Water solubility (g/L): Soluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: No data available.

Viscosity, dynamic: No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Conditions to avoid: Exposure to sunlight.

Materials to avoid: Strong acids and strong bases, reducing agents, strong oxidizing agents.

Hazardous decomposition products: Nitrogen oxides (NO_x), Carbon oxides.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: Suspected of causing genetic defects.
Carcinogenicity: May cause cancer.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: No data available.

Section 13: Disposal Considerations

Waste treatment methods: Dispose of in accordance with local regulations. Contact waste disposal services.
Product/packaging disposal: Where possible recycling is preferred to disposal or incineration.

Section 16: Other Information

Indication of changes: GHS aligned.
Relevant classification and H statements (number and full text):
H224 Extremely flammable liquid and vapor.
H301 Toxic if swallowed.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
Training instructions: Use as instructed.
Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.
This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.