



Metro Center for High Technology Bldg.
2727 Second Ave. Suite 4113
Detroit, MI 48201
Tel: 313.961.1606
Fax: 313.963.7130
Email: info@detroitrandd.com
www.detroitrandd.com

Material Safety Data Sheet

Product Name: 20-HETE Chemical

Product Number: 20HCHEM1

Manufacturer:

Detroit R&D, Inc.
2727 Second Ave. Suite 4113
Detroit, MI 48201
Tel: 313.961.1606 Fax: 313.963.7130

Components:

Description	Quantity
20-HETE Chemical	100 µg
N,N-dimethylformide (DMF)	10 µL

The above listed components are intended for research use only.

Hazards: This product is harmful if swallowed, inhaled, or absorbed through the skin. Can cause irritation to eyes, skin, and respiratory tract. Can cause alcohol intolerance and skin problems. Affects kidneys, cardiovascular system, and central nervous system. Toxic to the liver.

First Aid Measures

Ingestion: Provided the person is conscious, wash out mouth with water. Seek medical attention immediately. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove person to fresh air. If breathing becomes difficult or stops, administer oxygen or artificial respiration via trained personnel. Seek immediate medical attention.

Skin Contact: Immediately remove any contaminated clothing and wash affected area extensively with soap and water for a minimum of 15 minutes. If symptoms ensue seek medical attention.

Eye Contact: Separate eyelids, remove any contact lenses present and flush eyes with ample amounts of water for a minimum of 15 minutes. Seek medical attention.

Fire Fighting Measures: DMF is flammable as a liquid and as a vapor. Explosion is possible above the flash point of 58°C. Contact with strong oxidizers may cause fire. Use appropriate media to extinguish the fire.

Accidental Release Measures: Wear appropriate protective gear. Absorb the spill with an inert material and dispose of according to proper regulations. Ventilate the contaminated area and wash down the area with soap and water.

Handling and Storage: Store all components in closed containers and at the correct temperature, as specified by the component label (and spec sheet). Avoid prolonged contact with copper, lead, mercury, and other heavy metals. Wear gloves and avoid physical contact if possible. Wash hands after handling.

Stability and Reactivity: Stable under ordinary conditions of use and storage. Avoid heat, flames, and other ignition sources.

Toxicological Information: Ingestion of the product can lead to irritation of the mucous membranes of the mouth, pharynx, oesophagus, and gastrointestinal tract. There exists a danger of skin absorption.

Systemic Effects: cardiovascular system, central nervous system, kidney, alcohol intolerance, and skin problems.

Toxic Effects: liver

Ecological Information: Material is expected to biodegrade when released into soil and water. This material is not expected to bioaccumulate. When released into the air this material is expected to be degraded via photochemical reactions with hydroxyl radicals.

Disposal Information: Dispose of according to all Federal, State, and Local regulations.