



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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AGENT 2
E1001708 Revised 24-MAY-2007

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

Grade : RESEARCH & DEVELOPMENT USE ONLY

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont/Qualicon Inc.
Experimental Station
Building 400
Rt.141 and Henry Clay Road
Wilmington, DE 19880

PHONE NUMBERS

Product Information : 1-(800)441-7515
Transport Emergency : CHEMTREC: 1-800-424-9300
Medical Emergency : 1-(800)441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Agent 2	55466-22-3	100

Components (Remarks)

This material is a RESEARCH AND DEVELOPMENT chemical and has not been tested to determine the physical, chemical, or toxicological properties. Therefore, this chemical should be treated as a hazardous material and this Material Safety Data Sheet is provided to assist the laboratory personnel in handling the substance safely.

HAZARDS IDENTIFICATION

Potential Health Effects

Unknown. This sample is for RESEARCH AND DEVELOPMENT purposes only. As the chemical's physical and toxicological properties have not been fully tested, this material should be handled AS A HAZARDOUS CHEMICAL and only by technically qualified persons using good industrial hygiene practices to prevent ANY exposure.

(HAZARDS IDENTIFICATION - Continued)

ROUTE OF EXPOSURE

Multiple routes:

May cause irritation. May be harmful by inhalation, ingestion, or skin absorption.

SENSITIZATION

Sensitization: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

Call a physician immediately.

FIRE FIGHTING MEASURES

Extinguishing Media

Use media appropriate for surrounding material. Water Spray, CO2, Dry Chemical, Foam.

Fire Fighting Instructions

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

Spill Clean Up

Wet wipe or vacuum up using a high efficiency particulate air (HEPA) vacuum. DO NOT raise dust.

HANDLING AND STORAGE

Handling (Personnel)

Do not breathe dust. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Storage

Store in a well ventilated place. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

EYE/FACE PROTECTION: Wear safety glasses with side shields. Wear full face protection when handling in a non-enclosed system or when the possibility exists for eye and face contact.

RESPIRATORS: If this material is not used in a chemical fume hood, wear a NIOSH-approved air purifying respirator or positive pressure air-supplied respirator where there is a potential for inhalation exposure.

PROTECTIVE CLOTHING: Wear impervious clothing such as gloves, whole bodysuit, apron, or boots, as appropriate. Consult the site safety professional for additional guidance, as needed.

(EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

Exposure Guidelines

Exposure Limits

AGENT 2

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Form : Powder.

Color : White.

STABILITY AND REACTIVITY

Chemical Stability

Stable.

Decomposition

Nature of decomposition products not known.

Polymerization

Polymerization will not occur.

Other Hazards

The hazardous reactivity of this material is unknown. DO NOT mix with other materials unless specifically instructed to do so under the guidance of a trained chemist. DO NOT expose to heat, flame, or extreme temperatures.

TOXICOLOGICAL INFORMATION

Animal Data

Information on the adverse effects of this material in animal studies by the inhalation, dermal, ocular or oral route(s) of exposure is not available.

ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity

Unknown

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name : NONE
CONSIDERED NON-HAZARDOUS FOR TRANSPORT

OTHER INFORMATION

NFPA, NPCA-HMIS

NFPA Rating
Health : 1
Flammability : 0
Reactivity : 0

NPCA-HMIS Rating
Health : 1
Flammability : 0
Reactivity : 0

Additional Information

This material is for RESEARCH AND DEVELOPMENT USE ONLY. It is being supplied under the exemption for research and development under the Toxic Substances Control Act (TSCA) and/or the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). Commercial use of this material is a violation of Federal law.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

(Continued)

Responsibility for MSDS : Product Safety Coordinator
Address : Experimental Station, Bldg. 400
Rt. 141 and Henry Clay Road
Wilmington, DE 19880
Telephone : 302-695-5300

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS