

Page 1 / 11 Creation Date 15-Apr-2015 Revision Date 10-Jun-2024

Version 6 SDS No. Exempt, SR&D

MOEL's Public Notice No. 2023-9 (Standards for Classification and Labeling of Chemical Substances and Safety Data Sheets)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Description: <u>2-Methyl-4-pentenoic acid</u>

 Cat No. :
 L06143

 CAS No
 1575-74-2

 Molecular Formula
 C6 H10 O2

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Laboratory chemicals.
Uses advised against No Information available

Details of the supplier of the safety data sheet

Importer Supplier

Fisher Scientific Korea Thermo Fisher Scientific Chemicals, Inc.

D5,D6, Incheon Airport Logistics Complex 30 Bond Street

150, Gonghangdong-Ro 296 Beon-Gil Ward Hill, MA 01835-8099

Jung-Gu, Incheon Tel: +82-1661-9555 Fax: +82-2-2023-0603

E-mail address Chem.KR@thermofisher.com

Emergency Telephone Number

Emergency telephone: Medical: +(82) 070-7686-0086 or + 1-703-741-5970

CHEMTREC: 080 822 1374 (Local), CHEMTREC: 1-800-424-9300 or + 1-703-527-3887

Korea: 00-308-13-2549 (24 hours a day, 7 days a week)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Physical hazards

Based on available data, the classification criteria are not met

Health hazards

Acute Oral Toxicity
Skin Corrosion/Irritation
Category 1
Serious Eye Damage/Eye Irritation
Category 1
Category 1

Environmental hazards

Based on available data, the classification criteria are not met

Label Elements



Signal Word Danger

Hazard Statements

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

Precautionary Statements

Prevention

P264 - Wash hands and face thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

P330 - Rinse mouth

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

P363 - Wash contaminated clothing before reuse

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P310 - Immediately call a POISON CENTER or doctor

P321 - Specific treatment (see supplemental first aid instructions on this label)

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Storage

P405 - Store locked up

Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

Other Hazards

This product does not contain any known or suspected endocrine disruptors

NFPA

HealthFlammabilityInstabilityPhysical hazards300N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

| Component | Common Name | CAS No | Index No | Weight % |
|-----------------------------|----------------|-----------|----------|----------|
| 4-Pentenoic acid, 2-methyl- | No information | 1575-74-2 | KE-24742 | 99 - 100 |
| | available | | | |

SECTION 4: FIRST AID MEASURES

Description of first aid measures

2-Methyl-4-pentenoic acid Revision Date 10-Jun-2024

Eye Contact Immediate medical attention is required. Rinse immediately with plenty of water, also under

the eyelids, for at least 15 minutes.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Immediate medical attention is required.

Ingestion Do NOT induce vomiting. Call a physician immediately.

Inhalation Remove from exposure, lie down. Remove to fresh air. If not breathing, give artificial

respiration. Immediate medical attention is required.

Self-Protection of the First Aider Ensure that medical personnel are aware of the material(s) involved, take precautions to

protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products

Carbon monoxide (CO), Carbon dioxide (CO2).

Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation.

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and Material for Containment and Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Do not let this chemical enter the environment.

Revision Date 10-Jun-2024

Reference to Other Sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Do not breathe mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not ingest. If swallowed then seek immediate medical assistance. Handle product only in closed system or provide appropriate exhaust ventilation.

Conditions for Safe Storage, Including any Incompatibilities

Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Corrosives area. Keep containers tightly closed in a dry, cool and well-ventilated place.

Specific End Uses

Use in laboratories.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Component | CAS No | Korea | ACGIH TLV | OSHA PEL |
|-----------------------------|-----------|------------|------------|------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not listed | Not listed | Not listed |

| Component | CAS No | European Union | The United Kingdom | Germany |
|-----------------------------|-----------|----------------|--------------------|------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not listed | Not listed | Not listed |

ACGIH - Biological Exposure Indices

| ACCIT Biological Expectate males | | | | | |
|----------------------------------|-----------|-------------------------------------|--|--|--|
| Component CAS No | | ACGIH - Biological Exposure Indices | | | |
| 4-Pentenoic acid. 2-methyl- | 1575-74-2 | Not listed | | | |

Exposure Controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

Personal protective equipment

Eye Protection Goggles **Hand Protection** Protective gloves

Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

Respiratory Protection

Personal protective equipment Use only those certified by the Korea Occupational Safety and Health Administration. When workers are facing concentrations above the exposure limit they must use

2-Methyl-4-pentenoic acid Revision Date 10-Jun-2024

appropriate certified respirators

Recommended Filter type: Particulates filter conforming to EN 143 Acid gases filter Type E Yellow conforming to

EN14387

To protect the wearer, respiratory protective equipment must be the correct fit and be used

and maintained properly

When RPE is used a face piece Fit Test should be conducted

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls No information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance (Physical State, Color, Clear Liquid

etc.)

Odor No information available
Odor Threshold No data available
pH No information available

Melting Point/RangeNo data availableSoftening PointNo data available

Boiling Point/Range 77 - 79 °C / 170.6 - 174.2 °F @ 0.5 mmHg

Flash Point 107 °C / 224.6 °F Method - No information available

Evaporation Rate No data available

Flammability (solid,gas) Not applicable Liquid

Explosion Limits No data available

Vapor Pressure

No data available

Vapor Density No data available (Air = 1.0)

Specific Gravity / Density 0.950

Bulk Density Not applicable Liquid

Water Solubility reacts

Solubility in other solvents No information available

Partition Coefficient (n-octanol/water)

| Component | CAS No | log Pow | |
|-----------------------------|-----------|-------------------|--|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | |

Autoignition TemperatureNo data availableDecomposition TemperatureNo data availableViscosityNo data availableExplosive PropertiesNo information available

Explosive PropertiesNo information available
No information available

Molecular FormulaC6 H10 O2Molecular Weight114.15

2-Methyl-4-pentenoic acid Revision Date 10-Jun-2024

SECTION 10: STABILITY AND REACTIVITY

Reactivity

None known, based on information available

Chemical Stability
Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions No information available.

Conditions to Avoid Incompatible products. Exposure to moist air or water.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product Information

Information on expected route of exposure

InhalationNot an expected route of exposure.IngestionMay be harmful if swallowed.

Eyes Avoid contact with eyes. Corrosive to the eyes and may cause severe damage including

blindness.

Skin Causes burns. Skin Corrosion/Irritation. Avoid contact with skin.

Information on Health Hazards

(a) acute toxicity:

OralCategory 4DermalNo data availableInhalationNo data available

| Component | CAS No | LD50 Oral | LD50 Dermal | LC50 Inhalation | |
|-----------------------------|-----------|-------------------|-------------------|-------------------|--|
| 4-Pentenoic acid. 2-methyl- | 1575-74-2 | No data available | No data available | No data available | |

(b) skin corrosion/irritation; Category 1

(c) serious eye damage/irritation; Category 1

(d) respiratory or skin sensitization;

Respiratory SkinNo data available
No data available

| Component | CAS No | Test method | Test species | Study result |
|-----------------------------|-----------|-------------------|-------------------|-------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | No data available | No data available |

2-Methyl-4-pentenoic acid

Revision Date 10-Jun-2024

No data available (e) germ cell mutagenicity;

| Component | CAS No | Test method | Test species | Study result |
|-----------------------------|-----------|-------------------|-------------------|-------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | No data available | No data available |

No data available (f) carcinogenicity;

| Component | CAS No | Test method | Test species / Duration | Study result |
|-----------------------------|-----------|-------------------|----------------------------|-------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | No data available | No data available |

There are no known carcinogenic chemicals in this product

| Component | CAS No | IARC | NTP | ACGIH | OSHA | UK |
|-------------------|-----------|------------|------------|------------|------------|------------|
| 4-Pentenoic acid, | 1575-74-2 | Not listed |
| 2-methyl- | | | | | | |

(g) reproductive toxicity; No data available

| Component | CAS No | Test method | Test species / Duration | Study result |
|-----------------------------|-----------|-------------------|----------------------------|-------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | No data available | No data available |

(h) STOT-single exposure; No data available

(i) STOT-repeated exposure; No data available

Target Organs No information available.

(j) aspiration hazard; No data available

Other Adverse Effects

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

| | Component | CAS No | EU - Endocrine EU - Endocrine | | Japan - Endocrine |
|---|-----------------------------|-----------|-------------------------------|------------------------|-----------------------|
| | | | Disrupters Candidate | Disruptors - Evaluated | Disruptor Information |
| | | | List | Substances | |
| ı | 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not applicable | Not applicable | Not applicable |

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects Do not empty into drains.

| Component | CAS No | Freshwater Fish | Water Flea | Freshwater Algae | Microtox |
|-----------------------------|-----------|-------------------|-------------------|-------------------|-------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | No data available | No data available | No data available | No data available |

Persistence and degradability

Persistence is unlikely, based on information available. **Persistence**

Bioaccumulation is unlikely Bioaccumulative potential

Mobility in soil The product contains volatile organic compounds (VOC) which will evaporate easily from all

surfaces Will likely be mobile in the environment due to its volatility. Disperses rapidly in

Page 7/11

2-Methyl-4-pentenoic acid

air.

Ozone Depletion Potential

| Component | CAS No | Ozone Depletion Potential |
|-----------------------------|-----------|---------------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not listed |

Other adverse effects No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from Residues/Unused

Products

Waste is classified as hazardous. Dispose in accordance with the Wastes Control Act

(폐기물관리법).

Contaminated Packaging Dispose of this container to hazardous or special waste collection point.

Other Information Waste codes should be assigned by the user based on the application for which the product

was used. Do not empty into drains. Do not flush to sewer. Large amounts will affect pH

and harm aquatic organisms.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

UN-No UN3265

Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical Shipping Name 2-Methyl-4-pentenoic acid

Hazard Class 8
Packing Group III

IATA

UN-No UN3265

Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical Shipping Name 2-Methyl-4-pentenoic acid

Hazard Class 8
Packing Group III

IMDG/IMO

UN-No UN3265

Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Technical Shipping Name 2-Methyl-4-pentenoic acid

Hazard Class 8
Packing Group |||

Marine Pollutant No hazards identified

Special Precautions for User No special precautions required

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Legend: X - Listed '-' - Not Listed

International Inventories

| Component | CAS No | KECL | TSCA | EINECS | IECSC | DSL | NDSL | PICCS | ENCS | ISHL | AICS |
|-----------------------------|-----------|----------|------|-----------|-------|-----|------|-------|------|------|------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | KE-24742 | Х | 216-404-7 | Χ | Χ | - | - | Х | Χ | Х |

ALFAAL06143

Revision Date 10-Jun-2024

| Component | CA | AS No | (2012) Qualifying for Majo | III Directive /18/EC) - g Quantities or Accident fication | Seveso III Di (2012/18/E Qualifying Qu for Safety F Requirem | EC) - uantities Report | | | | sel Convention zardous Waste) |
|--------------------------|-------------|---|----------------------------------|---|--|--|--|---|---|--|
| 4-Pentenoic acid, 2-meth | yl- 157 | 75-74-2 | Not a | pplicable | Not applic | | Not app | olicable | N | lot applicable |
| Component | | CAS No | | OEC | D HPV | Pers | Persistent Organic Pollutant | | | ne Depletion Potential |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | No | ot applicable |) | Not applicable | |
| Korean National Regu | lations | | | | | | | | | |
| Component | | CAS No | | Evaluation Substance | istration and of Chemical s (K-REACH) | Authorised Chemicals | | Existing Substances Subject to Registration | | |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Annex 1 | - KE-24742 | No | ot applicable |) | Not applicable | |
| Component | | CAS No | | | Control Act - hemicals | | Chemical Control Act - Prohibited Chemicals | | Chemical Control Act - Use Restricted Chemicals | |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | Not applicable | | Not applicable | | |
| Component | | CAS No | | Accident Chemic | Control Act - Precaution cals (% in tures) | Chemical Control Act - Accident Precaution Chemicals - Quantity limits Storage (% in mixtures) | | Chemical Control Act Accident Precaution Chemicals - Quantity limits Manufacture/Us (% in mixtures) | | |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | | ot applicable |) | | applicable |
| Component | | CAS No | | Waste Co | ontrol Law | | of Environ CMR risk | ment - | Critica | of Environment lly Controlled ubstance |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | No | ot applicable |) | Not | applicable |
| | | | | | | | | | | |
| Component | | CAS No | | Subject | mful Agents t to Work nt Monitoring | | A - Prohibit ubstances | | ISHA - Substances requiring permission | |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | No | ot applicable |) | Not applicable | |
| Component | | CAS No | | | ubstances to control | Req | Harmful Aq juiring Heal xamination | lth | _ | - Permissible osure Limits |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | | ot applicable | | Not applicable | |
| | | | | | | | | | | |
| Component | | CAS No ISHA - Subject to Process Safety Reports (minimum quantity) ISHA - Threshold Lin | | | | | | | | |
| 4-Pentenoic acid, 2-m | ethyl- | 1575-74-2 | 2 | Not ap | plicable | No | ot applicable | 9 | Not | applicable |
| ational Fire Associat | ion - Dange | rous Substa | nces M | inimum qua | ıntity requirinç | g a perm | nit | | | |
| Component | CAS No | Class 1 Oxidising solids | | Class 2 - lammable solid | Class 3 - Spontaneous Combustible | sly Fla e i | lass 4 - immable iquids | Self- | ss 5 - reactive stances | Class 6 - Oxidising liquids |

Not applicable

Substances and Dangerous Substances When Wet

Not applicable

5. Group 3 Petroleum

Not applicable

4-Pentenoic acid, 2-methyl-

1575-74-2

Not applicable

Not applicable

2-Methyl-4-pentenoic acid

Revision Date 10-Jun-2024

| | (Insoluble) 2000 | |
|--|------------------|--|
| | L | |

Control Parameters

| Component | CAS No | Korea | ACGIH - Biological Exposure Indices |
|-----------------------------|-----------|------------|-------------------------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not listed | Not listed |

US Management Information

OSHA - Occupational Safety and Health Administration

Not applicable

| Component | CAS No | Specifically Regulated Chemicals | Highly Hazardous Chemicals |
|-----------------------------|-----------|-------------------------------------|----------------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not applicable | Not applicable |

CERCLA Not applicable

| Component | CAS No | CERCLA Extremely Hazardous Substances RQs | Hazardous Substances RQs | SARA 313 - Threshold Values % |
|-----------------------------|-----------|---|-----------------------------|----------------------------------|
| 4-Pentenoic acid, 2-methyl- | 1575-74-2 | Not applicable | Not applicable | Not applicable |

GHS Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Danger.

H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage.

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P280 - Wear eye protection/ face protection. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician.

SECTION 16: OTHER INFORMATION

Legend

CAS - Chemical Abstracts Service

TSCA - United States Toxic Substances Control Act Section 8(b)

EINECS/ELINCS - European Inventory of Existing Commercial Chemical DSL/NDSL - Canadian Domestic Substances List/Non-Domestic

Substances/EU List of Notified Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - Chinese Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

Inventory

Substances List **ENCS** - Japanese Existing and New Chemical Substances

AICS - Australian Inventory of Chemical Substances NZIoC - New Zealand Inventory of Chemicals

WEL - Workplace Exposure Limit

ACGIH - American Conference of Governmental Industrial Hygienists

RPE - Respiratory Protective Equipment LC50 - Lethal Concentration 50%

POW - Partition coefficient Octanol:Water

TWA - Time Weighted Average

IARC - International Agency for Research on Cancer

LD50 - Lethal Dose 50%

EC50 - Effective Concentration 50%

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

IMO/IMDG - International Maritime Organization/International Maritime Dangerous Goods Code

OECD - Organisation for Economic Co-operation and Development

BCF - Bioconcentration factor

ICAO/IATA - International Civil Aviation Organization/International Air Transport Association

MARPOL - International Convention for the Prevention of Pollution from

ATE - Acute Toxicity Estimate

VOC - (Volatile Organic Compound)

Key literature references and sources for data

https://echa.europa.eu/information-on-chemicals

Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

Revision Date 10-Jun-2024

Training Advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

Health, Safety and Environmental Department **Prepared By**

Creation Date 15-Apr-2015 10-Jun-2024 **Revision Date**

Revision Number

New emergency telephone response service provider. **Revision Summary**

MOEL's Public Notice No. 2023-9 (Standards for Classification and Labeling of Chemical **Substances and Safety Data Sheets)**

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet