

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard

## Beef Edible Tallow

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 07/06/2026     | 000050008069 | Date of first issue: 07/06/2026 |

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### SECTION 1. IDENTIFICATION

Product name : Beef Edible Tallow

#### Manufacturer or supplier's details

Company name of supplier : Cargill Incorporated  
Address : 15407 McGinty Rd W Wayzata, MN 55391  
Telephone : 1-800-227-4455  
Emergency telephone number : VelocityEHS 1-800-255-3924 (North America) +1-813-248-0585 (International) Contract number MIS7953677

#### Recommended use of the chemical and restrictions on use

Recommended use : Food/ feedstuff additives

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### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

#### Hazards for the product as supplied

Not a hazardous substance or mixture.

#### Other hazards

None known.

#### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance  
Substance name : Tallow

CAS-No. : 61789-97-7

#### Components

No hazardous ingredients

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### SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.  
If inhaled : If inhaled, remove to fresh air.  
If symptoms persist, call a physician.  
In case of skin contact : Wash contaminated clothing before reuse.  
Wash off with soap and plenty of water.  
If skin irritation persists, call a physician.  
In case of eye contact : Rinse with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.

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|                                                             |   |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If swallowed                                                | : | Rinse mouth with water.<br>If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.<br>Keep respiratory tract clear.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : | None known.                                                                                                                                                                                                                                         |
| Notes to physician                                          | : | Treat symptomatically.                                                                                                                                                                                                                              |

### SECTION 5. FIREFIGHTING MEASURES

|                                               |   |                                                                                                                                                              |
|-----------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                  | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.                                                                                     |
| Specific hazards during fire-fighting         | : | Burning produces irritant fumes.                                                                                                                             |
| Hazardous combustion products                 | : | No hazardous combustion products are known                                                                                                                   |
| Further information                           | : | In the event of fire and/or explosion do not breathe fumes.<br>Prevent fire extinguishing water from contaminating surface water or the ground water system. |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary.                                                                                       |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                                     |   |                                                                                                                                  |
|---------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid dust formation.<br>Ensure adequate ventilation.                                      |
| Environmental precautions                                           | : | Should not be released into the environment.<br>Try to prevent the material from entering drains or water courses.               |
| Methods and materials for containment and cleaning up               | : | Pick up and arrange disposal without creating dust.<br>Sweep up and shovel.<br>Keep in suitable, closed containers for disposal. |

### SECTION 7. HANDLING AND STORAGE

|                                                 |   |                                                                                                   |
|-------------------------------------------------|---|---------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : | Provide appropriate exhaust ventilation at places where dust is formed.                           |
| Advice on safe handling                         | : | Wear personal protective equipment.<br>Use only with adequate ventilation.<br>Do not get in eyes. |

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|                                          |   |                                                                                                                                                                                                                                                           |
|------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions for safe storage              | : | For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Store in original container.<br>Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid                       | : | No materials to be especially mentioned.                                                                                                                                                                                                                  |
| Further information on storage stability | : | No decomposition if stored and applied as directed.                                                                                                                                                                                                       |

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

|                      |   |                                                                    |
|----------------------|---|--------------------------------------------------------------------|
| Engineering measures | : | Maintain air concentrations below occupational exposure standards. |
|----------------------|---|--------------------------------------------------------------------|

#### Personal protective equipment

|                        |   |                                                                           |
|------------------------|---|---------------------------------------------------------------------------|
| Respiratory protection | : | In case of insufficient ventilation, wear suitable respiratory equipment. |
|------------------------|---|---------------------------------------------------------------------------|

Hand protection

|         |   |                                                                                                                                                                    |
|---------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remarks | : | For prolonged or repeated contact use protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
|---------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |   |                                                   |
|----------------|---|---------------------------------------------------|
| Eye protection | : | Wear safety glasses with side shields or goggles. |
|----------------|---|---------------------------------------------------|

|                          |   |                 |
|--------------------------|---|-----------------|
| Skin and body protection | : | Protective suit |
|--------------------------|---|-----------------|

|                  |   |                                      |
|------------------|---|--------------------------------------|
| Hygiene measures | : | General industrial hygiene practice. |
|------------------|---|--------------------------------------|

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|            |   |       |
|------------|---|-------|
| Appearance | : | solid |
|------------|---|-------|

|        |   |                |
|--------|---|----------------|
| Colour | : | tan, to, brown |
|--------|---|----------------|

|       |   |      |
|-------|---|------|
| Odour | : | mild |
|-------|---|------|

|                 |   |                   |
|-----------------|---|-------------------|
| Odour Threshold | : | No data available |
|-----------------|---|-------------------|

|    |   |       |
|----|---|-------|
| pH | : | 4 - 7 |
|----|---|-------|

|                              |   |                              |
|------------------------------|---|------------------------------|
| Melting point/freezing point | : | 81 - 108.5 °F / 27 - 42.5 °C |
|------------------------------|---|------------------------------|

|                             |   |                   |
|-----------------------------|---|-------------------|
| Boiling point/boiling range | : | No data available |
|-----------------------------|---|-------------------|

|             |   |                     |
|-------------|---|---------------------|
| Flash point | : | 624.9 °F / 329.4 °C |
|-------------|---|---------------------|

|                  |   |                   |
|------------------|---|-------------------|
| Evaporation rate | : | No data available |
|------------------|---|-------------------|

|                           |   |                   |
|---------------------------|---|-------------------|
| Flammability (solid, gas) | : | No data available |
|---------------------------|---|-------------------|

|                        |   |                   |
|------------------------|---|-------------------|
| Flammability (liquids) | : | No data available |
|------------------------|---|-------------------|

|               |   |                   |
|---------------|---|-------------------|
| Self-ignition | : | No data available |
|---------------|---|-------------------|

|                 |   |                   |
|-----------------|---|-------------------|
| Vapour pressure | : | No data available |
|-----------------|---|-------------------|

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|                                        |   |                                |
|----------------------------------------|---|--------------------------------|
| Relative vapour density                | : | No data available              |
| Relative density                       | : | 0.88 (140 °F / 60 °C)          |
| Density                                | : | 0.92 g/cm3 (77 °F / 25 °C)     |
| Solubility(ies)                        |   |                                |
| Water solubility                       | : | insoluble                      |
| Solubility in other solvents           | : | No data available              |
| Partition coefficient: n-octanol/water | : | log Pow: 22.52<br>Method: QSAR |
| Auto-ignition temperature              | : | 600.01 °F / 315.56 °C          |
| Decomposition temperature              | : | No data available              |
| Viscosity                              |   |                                |
| Viscosity, dynamic                     | : | No data available              |
| Viscosity, kinematic                   | : | No data available              |

### SECTION 10. STABILITY AND REACTIVITY

|                                    |   |                                                     |
|------------------------------------|---|-----------------------------------------------------|
| Reactivity                         | : | No decomposition if stored and applied as directed. |
| Chemical stability                 | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | Stable under recommended storage conditions.        |
| Conditions to avoid                | : | No data available                                   |
| Incompatible materials             | : | Strong oxidizing agents                             |
| Hazardous decomposition products   | : | No hazardous decomposition products are known.      |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Product:

|                           |   |                                                                                                                                                                                                                            |
|---------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : | LD50 (Rat, male and female): > 18,000 mg/kg<br>Test substance: Based on data from similar materials                                                                                                                        |
| Acute inhalation toxicity | : | LC50 (Rat, male and female): > 0.12 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Test substance: Based on data from similar materials<br>Assessment: The substance or mixture has no acute inhalation toxicity |

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Remarks: Saturated vapour concentration  
No mortality observed at this dose.

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg  
Test substance: Based on data from similar materials  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: No mortality observed at this dose.

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Product:

Result : No skin irritation  
Test substance : Based on data from similar materials  
Remarks : slight irritation

### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

#### Product:

Result : No eye irritation  
Test substance : Based on data from similar materials  
Remarks : slight irritation

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified due to lack of data.

#### Respiratory sensitisation

Not classified due to lack of data.

#### Product:

Exposure routes : Skin contact  
Test substance : Based on data from similar materials  
Remarks : May cause sensitisation of susceptible persons by skin contact.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Product:

Genotoxicity in vitro : Test substance: Based on data from similar materials  
Remarks: In vitro tests did not show mutagenic effects  
  
Genotoxicity in vivo : Remarks: No data available  
  
Germ cell mutagenicity - Assessment : In vitro tests did not show mutagenic effects

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### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Product:

|                |   |                                              |
|----------------|---|----------------------------------------------|
| Test substance | : | Based on data from similar materials         |
| Remarks        | : | No significant adverse effects were reported |

|                              |   |                                                                    |
|------------------------------|---|--------------------------------------------------------------------|
| Carcinogenicity - Assessment | : | Weight of evidence does not support classification as a carcinogen |
|------------------------------|---|--------------------------------------------------------------------|

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

Not classified due to lack of data.

#### Product:

|                      |   |                            |
|----------------------|---|----------------------------|
| Effects on fertility | : | Remarks: No data available |
|----------------------|---|----------------------------|

|                                    |   |                                                                |
|------------------------------------|---|----------------------------------------------------------------|
| Reproductive toxicity - Assessment | : | Animal testing did not show any effects on foetal development. |
|------------------------------------|---|----------------------------------------------------------------|

### STOT - single exposure

Based on available data, the classification criteria are not met.

#### Product:

|            |   |                                                                                                |
|------------|---|------------------------------------------------------------------------------------------------|
| Assessment | : | The substance or mixture is not classified as specific target organ toxicant, single exposure. |
| Remarks    | : | Based on data from similar materials                                                           |

### STOT - repeated exposure

Based on available data, the classification criteria are not met.

#### Product:

|            |   |                                                                                                  |
|------------|---|--------------------------------------------------------------------------------------------------|
| Assessment | : | The substance or mixture is not classified as specific target organ toxicant, repeated exposure. |
| Remarks    | : | Based on data from similar materials                                                             |

### Repeated dose toxicity

#### Product:

|                |   |                                              |
|----------------|---|----------------------------------------------|
| Test substance | : | Based on data from similar materials         |
| Remarks        | : | No significant adverse effects were reported |

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### Aspiration toxicity

Based on available data, the classification criteria are not met.

#### Product:

No aspiration toxicity classification

### Further information

#### Product:

Remarks : No data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : EC50 (Fish): > 10 mg/l  
Exposure time: 96 h  
Test substance: Based on data from similar materials  
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates :  
Test substance: Based on data from similar materials  
Remarks: No toxicity at the limit of solubility

Toxicity to algae/aquatic plants :  
Test substance: Based on data from similar materials  
Remarks: No toxicity at the limit of solubility

Toxicity to fish (Chronic toxicity) : Test substance: Based on data from similar materials  
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): > 10 mg/l  
Exposure time: 21 d  
Test substance: Based on data from similar materials  
Remarks: No toxicity at the limit of solubility

Toxicity to microorganisms : Remarks: No data available

### Persistence and degradability

#### Product:

Biodegradability : Result: Readily biodegradable.  
Test substance: Based on data from similar materials

### Bioaccumulative potential

#### Product:

Bioaccumulation : Bioconcentration factor (BCF): 3.16  
Test substance: Based on data from similar materials  
Method: QSAR

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### Mobility in soil

No data available

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

### Endocrine disrupting properties

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.  
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### National Regulations

#### 49 CFR

Not regulated as a dangerous good

### Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

#### The components of this product are reported in the following inventories:

TW TCSI : On the inventory, or in compliance with the inventory

US TSCA : All substances listed as active on the TSCA inventory

AU AIIC : On the inventory, or in compliance with the inventory

CA. DSL : All components of this product are on the Canadian DSL

JP ENCS : Not in compliance with the inventory

JP ISHL : Not in compliance with the inventory

KR KECI : On the inventory, or in compliance with the inventory

PH PICCS : On the inventory, or in compliance with the inventory

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|          |   |                                                       |
|----------|---|-------------------------------------------------------|
| CN IECSC | : | On the inventory, or in compliance with the inventory |
| NZ NZIoC | : | On the inventory, or in compliance with the inventory |
| TH TECI  | : | On the inventory, or in compliance with the inventory |

### TSCA list

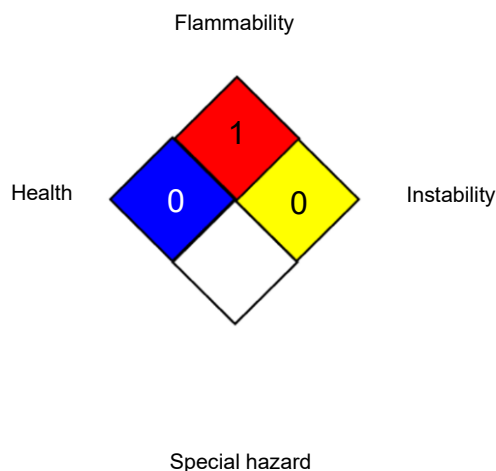
No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA 704:



#### HMIS® IV / CED:

|                 |   |   |
|-----------------|---|---|
| HEALTH          | / | 0 |
| FLAMMABILITY    |   | 1 |
| PHYSICAL HAZARD |   | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Indus-

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trial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 07/06/2026

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.

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