<b>P</b> Ashland always solving	Page: 1
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

29 CFR 1910.1200 (OSHA HazCom 2012)

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier** 

Trade name : N-Hance™ 3000

Cationic Guar Derivatives

™ Trademark, Ashland or its subsidiaries, registered in

various countries

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

Recommended use : Rheology modifier

in Personal Care

Details of the supplier of the safety data sheet

SHEEL

Ashland P.O. Box 2219

Columbus, OH 43216

United States of America (USA)

1-614-790-3333 (USA)

Emergency telephone number

1-800-ASHLAND (1-800-274-5263)

Regulatory information

1-614-790-3333 (customer service)

Product Information 1-614-790-3333 (USA)

EHSProductSafety@ashland.com

# **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Combustible Dust :

Eye irritation : Category 2A

**GHS** label elements

Hazard pictograms

Signal Word : Warning

Hazard Statements : May form combustible dust concentrations in air.

Ashland always solving	Page: 2
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered	Version: 1.8
in various countries 419918	

Causes serious eye irritation.

Precautionary Statements : **Prevention:** 

Wash skin thoroughly after handling. Wear eye protection/ face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

If eye irritation persists: Get medical advice/ attention.

Other hazards

None known.

#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture Chemical nature : organic

**Hazardous components** 

Chemical name	CAS-No.	Classification	Concentration (%)
CATIONIC GUAR GUM, MODIFIED		Comb Dust Eye Irrit. 2A; H319	92.7935

#### **SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.

If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : First aid is not normally required. However, it is

recommended that exposed areas be cleaned by washing

with soap and water.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

If swallowed : Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms : Signs and symptoms of exposure to this material through

Ashland always solving	Page: 3
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives	Version: 1.8
™ Trademark, Ashland or its subsidiaries, registered	
in various countries	
419918	

and effects, both acute and

delayed

breathing, swallowing, and/or passage of the material through

the skin may include:

stomach or intestinal upset (nausea, vomiting, diarrhea)

irritation (nose, throat, airways) Causes serious eye irritation.

Notes to physician : No hazards which require special first aid measures.

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Water spray

Foam

Unsuitable extinguishing

media

: High volume water jet

Hazardous combustion

products

: Carbon dioxide (CO2) Carbon monoxide

Hydrocarbons

Specific extinguishing

methods

Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for firefighters

: In the event of fire, wear self-contained breathing apparatus.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Avoid dust formation. Avoid breathing dust.

Material can create slippery conditions.

Persons not wearing protective equipment should be excluded

from area of spill until clean-up has been completed.

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

: Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

PAshland always solving	Page: 4
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

#### **SECTION 7. HANDLING AND STORAGE**

Advice on protection against :

fire and explosion

Avoid dust formation.

Take measures to prevent the build up of electrostatic charge. Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling : Avoid dust formation.

Do not breathe vapours/dust.

Do not smoke.

Ensure all equipment is electrically grounded and bonded

before beginning transfer operations.

The material can accumulate static charge and can therefore

cause electrical ignition of flammable atmospheres.

Container hazardous when empty. Avoid contact with skin and eyes.

Smoking, eating and drinking should be prohibited in the

application area.

For personal protection see section 8.

Dispose of rinse water in accordance with local and national

regulations.

Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in

order to avoid any potential for dust explosion hazards. For further guidance on prevention of dust explosions, refer to National Fire Protection Association (NFPA) 654: "Standard for the Prevention of Fire and Dust Explosions, from the Manufacturing, Processing and Handling of Combustible

Particulate Solids".

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

No smoking.

Further information on

storage stability

Keep in a dry place.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Hazardous components without workplace control parameters

Components	CAS-No.

**Ashland always solving	Page: 5
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered	Version: 1.8
in various countries	
419918	

CATIONIC GUAR GUM, 65497-29-2 MODIFIED

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust)

ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or

apparent adverse effects.

Provide appropriate exhaust ventilation at places where dust

is formed.

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an

approved filter within the capabilities of the respirator/filter

combination.

Where concentrations are above recommended limits or are unknown, or a cartridge type respirator is not adequate, wear

a positive-pressure supplied-air respirator.

Hand protection

Material : butyl-rubber
Break through time : 480 min
Glove thickness : > 0.5 mm

Remarks : The exact break through time can be obtained from the

protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of

degradation or chemical breakthrough.

Eye protection : Safety glasses

Skin and body protection : Wear as appropriate:

Safety shoes

Dust impervious protective suit

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Wear resistant gloves (consult your safety equipment

supplier).

Hygiene measures : Avoid breathing dust.

Wash hands before breaks and at the end of workday.

When using do not eat or drink. When using do not smoke.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : powder
Physical state : solid
Colour : yellow
Odour : slight, mild
Odour Threshold : No data available

pH : 9 - 11

<b>PAshland</b> always solving	Page: 6
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives ™ Trademark, Ashland or its subsidiaries, registered	Version: 1.8
in various countries 419918	

Concentration: 1 % (as aqueous solution)

Melting point/freezing point Boiling point/boiling range

Flash point

not determinednot determinedNot applicable

Evaporation rate : Not applicable

Flammability (solid, gas) : not determined

Flammability (liquids)

Flammability (liquids) : not determined

Upper explosion limit : Upper explosion limit

not determined

Lower explosion limit : Lower explosion limit

not determined

Vapour pressure : Not applicable

Relative vapour density : Not applicable

Relative density : No data available

Density : 0.6 g/cm3

Bulk density : ca. 610 kg/m3

Solubility(ies)

Water solubility : soluble, Limited by viscosity

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: not determined

Thermal decomposition : No data available

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Oxidizing properties : Not applicable Molecular weight : No data available

PAshland always solving Solving	Page: 7
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed. Chemical stability : Stable under recommended storage conditions. : Dust may form explosive mixture in air.

Possibility of hazardous

reactions

Conditions to avoid : Keep away from heat, flame, sparks and other ignition

> sources. excessive heat

UV light. Exposure to sunlight.

Incompatible materials : Acids

Oxidizing agents

reactive metals such as aluminum and magnesium

Hazardous decomposition

products

Carbon monoxide

Carbon dioxide (CO2)

Hydrocarbons Acetone

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of : Inhalation exposure Skin contact

> Ingestion Eye contact

**Acute toxicity** 

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

**Product:** 

Remarks: May cause skin irritation in susceptible persons.

Components:

CATIONIC GUAR GUM, MODIFIED:

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

**Product:** 

Remarks: Product dust may be irritating to eyes, skin and respiratory system., Causes serious eye irritation.

#### Components:

Ashland always solving ™	Page: 8
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives	Version: 1.8
™ Trademark, Ashland or its subsidiaries, registered	
in various countries	
419918	

CATIONIC GUAR GUM, MODIFIED:

Result: Irritating to eyes.

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

## Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

## STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### **Further information**

**Product:** 

Remarks: No data available

Carcinogenicity:

**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.

# **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

### **Product:**

Ecotoxicology Assessment

Short-term (acute) aquatic

hazard

: Acute aquatic toxicity Category 3; Harmful to aquatic life.

Long-term (chronic) aquatic

: Not classified based on available information.

hazard

## Components:

CATIONIC GUAR GUM, MODIFIED:

<b>P</b> Ashland always solving	Page: 9
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 54 mg/l

Exposure time: 48 h Test Type: static test

Method: OECD Test Guideline 202

GLP: yes

Toxicity to algae : NOEC (blue-green algae): > 100 mg/l

Exposure time: 72 h
Test Type: Growth inhibition
Method: OECD Test Guideline 201

GLP: yes

# Persistence and degradability

**Product:** 

Biodegradability : Result: Inherently biodegradable.

Biodegradation: 78 % Exposure time: 28 d

Method: OECD Test Guideline 302B

# **Components:**

CATIONIC GUAR GUM, MODIFIED:

Biodegradability : Result: Readily biodegradable.

Biodegradation: 95 % Exposure time: 28 d

Method: OECD Test Guideline 301D

GLP: yes

Remarks: Information given is based on data obtained from

similar substances.

No data available

Bioaccumulative potential

Components:
No data available
Mobility in soil
Components:
No data available
Other adverse effects

**Product:** 

Additional ecological

No data available

information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life.

**Components:** 

**Ashland** always solving	Page: 1	10
SAFETY DATA SHEET	Revision Date: 03/16/202	22
	Print Date: 7/14/202	22
	SDS Number: R070347	74
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.	.8

### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

General advice : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with

chemical or used container.

Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and

federal regulations.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product.

Empty containers should be taken to an approved waste

handling site for recycling or disposal. Do not re-use empty containers.

### **SECTION 14. TRANSPORT INFORMATION**

## International transport regulations

## **REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /
					LTD. QTY.

## **U.S. DOT - ROAD**

Not dangerous goods		

## CFR\_RAIL\_C

Not dangerous goods	

#### U.S. DOT - INLAND WATERWAYS

Not dangerous goods

## TDG ROAD C

	Not dangerous goods
•	

### TDG RAIL C

Not dangerous goods	

**Ashland always solving	Page: 11
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

TDG\_INWT\_C

Not dangerous goods			

### INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

## INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

## INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

### MX DG

Not dangerous goods

### \*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant	no

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## **SECTION 15. REGULATORY INFORMATION**

# **TSCA list**

No substances are subject to a Significant New Use Rule.

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

# **EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity** 

CENCEA Reportable Quantity					
Components	CAS-No.	Component RQ	Calculated product RQ		
		(lbs)	(lbs)		
SODIUM HYDROXIDE	1310-73-2	1000	*		

<sup>\*:</sup> Calculated RQ exceeds reasonably attainable upper limit.

<b>P</b> Ashland always solving	Page: 12
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards : Combustible Dust

Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section

302 EHS TPQ.

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.

Pennsylvania Right To Know

CATIONIC GUAR GUM, MODIFIED 65497-29-2 WATER 7732-18-5

**New Jersey Right To Know** 

CATIONIC GUAR GUM, MODIFIED 65497-29-2 WATER 7732-18-5

#### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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

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

TSCA : All substances listed as active on the TSCA inventory

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

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

ENCS : On the inventory, or in compliance with the inventory

ISHL : Not in compliance with the inventory

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

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

IECSC : On the inventory, or in compliance with the inventory

Ashland always solving ™	Page: 13
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives	Version: 1.8
™ Trademark, Ashland or its subsidiaries, registered	
in various countries	
419918	

NZIoC : Not in compliance with the inventory

#### **Inventories**

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

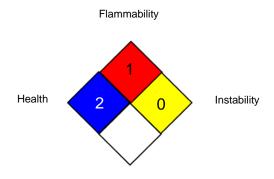
# Other regulations

US. Drug Enforcement Administration (DEA) Listed Precursor and Essential Chemicals (21 CFR 1310) Not applicable

### **SECTION 16. OTHER INFORMATION**

### **Further information**

## NFPA 704:



Special hazard

### HMIS® IV:



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 H-Statements**

H319 Causes serious eye irritation.

#### Full text of other abbreviations

<b>P</b> Ashland always solving	Page: 14
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

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 Harmonized 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 Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; 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 -Organization 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; TECI - 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

This sds has been prepared by Ashland. (http://www.ashland.com)

Sources of key data used to compile the Safety Data Sheet

Ashland internal data including own and sponsored test reports

European Union Law with content from the Official Journal of the European Union.

European Chemicals Agency; the EU authority implementing

the EU's chemicals legislation for companies.

The German Water Hazard Classes.

ReachCentrum; a series of support services to help comply with REACH regulations.

The European Commission; proposing legislation,

administering and implementing EU policies, and enforcing

S Ashland always solving	Page: 15
SAFETY DATA SHEET	Revision Date: 03/16/2022
	Print Date: 7/14/2022
	SDS Number: R0703474
N-Hance™ 3000 Cationic Guar Derivatives  ™ Trademark, Ashland or its subsidiaries, registered in various countries 419918	Version: 1.8

EU law.

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport. Cefic, the European Chemical Industry Council. ESIS European Chemical Substances Information System

Revision Date : 03/16/2022

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.

US / EN