

# **Safety Data Sheet**

Issue Date: 03-Feb-2021 Revision Date: 03-Feb-2021 Version 1

# 1. IDENTIFICATION

Product identifier

Product Name Type D NL Yellow

Other means of identification

**SDS** # USM-004

Product Code IU-D5NL4, IU-D5NLQT, IU-D5NLQTH, IU-D5NLGL

UN/ID No UN1210

Recommended use of the chemical and restrictions on use

Recommended Use Printing ink.

Details of the supplier of the safety data sheet

Manufacturer Address Pannier Corporation 207 Sandusky Street Pittsburgh, PA 15212-5823

PH: 412-323-4900 sales@pannier.com

Emergency telephone number

Emergency Telephone INFOTRAC: 1-800-535-5053

# 2. HAZARDS IDENTIFICATION

Appearance: Yellow liquid Physical state: Liquid

# Classification

	1
Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Flammable liquids	Category 2

# Signal Word

Danger

## **Hazard statements**

Harmful if swallowed
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
Highly flammable liquid and vapor







Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Use explosion-proof equipment

# **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

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

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

If skin irritation occurs: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

In case of fire: Use CO2, dry chemical, or foam for extinction

# **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep cool

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

# Other hazards

Harmful to aquatic life with long lasting effects

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	37-40
Ethanol	64-17-5	19-27
Titanium dioxide	13463-67-7	15-17
Methylisobutyl ketone	108-10-1	0.1-1
Solvent naphtha (petroleum), light aliphatic	64742-89-8	<1
Heptane	142-82-5	<1
Toluene	108-88-3	Trace
Acetaldehyde	75-07-0	Trace

<sup>\*\*</sup>If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

# 4. FIRST AID MEASURES

# **Description of first aid measures**

**General Advice** If exposed or concerned: Get medical advice/attention.

Eye Contact 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.

**Skin Contact** Remove/Take off immediately all contaminated clothing. Rinse skin withwater/shower.

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Wash contaminated clothing before reuse. If skin irritation occurs: Get medical

advice/attention.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a poison center or doctor/physician if you feel unwell. Rinse mouth. Ingestion

#### Most important symptoms and effects, both acute and delayed

**Symptoms** May be harmful in contact with skin. Harmful if swallowed. Harmful if inhaled. Causes skin

irritation. Causes serious eye irritation. Suspected of causing cancer.

## Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Use CO2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media Not determined.

#### Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor.

#### Protective equipment and precautions for firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions** 

**Environmental precautions** See Section 12 for additional Ecological Information.

## Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

# 7. HANDLING AND STORAGE

# Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been

read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a wellventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible Materials None known based on information supplied.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale
Methylisobutyl ketone 108-10-1	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m³ (vacated) STEL: 75 ppm (vacated) STEL: 300 mg/m³	IDLH: 500 ppm TWA: 50 ppm TWA: 205 mg/m <sup>3</sup> STEL: 75 ppm STEL: 300 mg/m <sup>3</sup>
Heptane 142-82-5	STEL: 500 ppm TWA: 400 ppm	TWA: 500 ppm TWA: 2000 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 1600 mg/m³ (vacated) STEL: 500 ppm (vacated) STEL: 2000 mg/m³	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m³ 15 min TWA: 85 ppm TWA: 350 mg/m³
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³
Acetaldehyde 75-07-0	Ceiling: 25 ppm	TWA: 200 ppm TWA: 360 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 180 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 270 mg/m³	IDLH: 2000 ppm

# Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

# Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Remarks • Method

## Information on basic physical and chemical properties

Physical state Liquid

AppearanceYellow liquidOdorNot determinedColorYellowOdor ThresholdNot determined

<u>Property</u> <u>Values</u>

pH Not determined
Melting point/freezing point Not determined
Boiling point/boiling range Not determined
Flash point 17.8°C / 64°F
Evaporation Rate Not determined
Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive Not determined

limits

Lower flammability or explosive Not determined

limits

Vapor Pressure Not determined Vapor Density Not determined **Relative Density** Not determined Water Solubility Not determined Solubility in other solvents Not determined **Partition Coefficient** Not determined Autoignition temperature Not determined Decomposition temperature Not determined Kinematic viscosity Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

## 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive under normal conditions.

## **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

None under normal processing.

# **Conditions to Avoid**

Keep out of reach of children.

## **Incompatible materials**

None known based on information supplied.

#### **Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure

**Product Information** 

**Eye Contact** Avoid contact with eyes.

**Skin Contact** May be harmful in contact with skin.

Inhalation Harmful if inhaled.

**Ingestion** Harmful if swallowed.

## **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 486 ppm (Rat) 4 h = 450 ppm (Rat) 4 h
Ethanol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Pigment Yellow 14 5468-75-7	> 5 g/kg (Rat)	-	-
Methylisobutyl ketone 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	2000 - 4000 ppm (Rat) 4 h
Heptane 142-82-5	-	= 3000 mg/kg (Rabbit)	= 103 g/m³ (Rat) 4 h
Solvent naphtha (petroleum), light aliphatic 64742-89-8	-	= 3000 mg/kg (Rabbit)	-
Acetaldehyde 75-07-0	= 660 mg/kg (Rat)	= 3540 mg/kg (Rabbit)	= 13000 ppm (Rat) 4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Please see section 4 of this SDS for symptoms.

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Carcinogenicity

Suspected of causing cancer. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage. Titanium dioxide is a possible

carcinogen when it appears as a respirable dust. Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		
Ethanol 64-17-5	A3	Group 1	Known	Х
Titanium dioxide 13463-67-7		Group 2B		Х
Methylisobutyl ketone 108-10-1	A3	Group 2B		Х
Acetaldehyde 75-07-0	A2	Group 1 Group 2B	Reasonably Anticipated	Х
Toluene 108-88-3		Group 3		

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans
Group 3 IARC components are "not classifiable as human carcinogens"

NTP (National Toxicology Program)

Known - Known Carcinogen
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

## **Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document.

Oral LD50 1,083.30 mg/kg **Dermal LD50** 2,725.00 mg/kg ATEmix (inhalation-dust/mist) 3.63 mg/L

# 12. ECOLOGICAL INFORMATION

# **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

# **Component Information**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ethylene Glycol Monobutyl Ether 111-76-2		2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50
Ethanol 64-17-5		13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static	10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50
Methylisobutyl ketone 108-10-1	400: 96 h Pseudokirchneriella subcapitata mg/L EC50	496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through	170: 48 h Daphnia magna mg/L EC50
Heptane 142-82-5		375.0: 96 h Cichlid fish mg/L LC50	10: 24 h Daphnia magna mg/L EC50
Solvent naphtha (petroleum), light aliphatic 64742-89-8	4700: 72 h Pseudokirchneriella subcapitata mg/L EC50		
Chemical name	Algae/aquatic plants	Fish	Crustacea
Acetaldehyde	237 - 249: 120 h Nitzschia linearis	28.0 - 34.0: 96 h Pimephales	3.64 - 6.15: 48 h Daphnia magna

75-07-0	mg/L EC50	promelas mg/L LC50 flow-through 39.8 - 46.8: 96 h Pimephales promelas mg/L LC50 static 53: 96 h Lepomis macrochirus mg/L LC50 static 1.8 - 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	mg/L EC50 Static 48.3: 48 h Daphnia magna mg/L EC50
Toluene 108-88-3	12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 433: 96 h Pseudokirchneriella subcapitata mg/L EC50	12.6: 96 h Pimephales promelas mg/L LC50 static 15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static	11.5: 48 h Daphnia magna mg/L EC50 5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static

# Persistence/Degradability Not determined.

# **Bioaccumulation**

There is no data for this product.

# **Mobility**

Chemical name	Partition coefficient
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Ethanol 64-17-5	-0.32
Methylisobutyl ketone 108-10-1	1.19
Heptane 142-82-5	4.66
Toluene 108-88-3	2.7
Acetaldehyde 75-07-0	0.5

# Other Adverse Effects

Not determined

# 13. DISPOSAL CONSIDERATIONS

# **Waste Treatment Methods**

Disposal should be in accordance with applicable regional, national and local laws and **Disposal of Wastes** 

regulations.

Disposal should be in accordance with applicable regional, national and local laws and **Contaminated Packaging** 

regulations.

# **US EPA Waste Number**

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methylisobutyl ketone		Included in waste stream:		U161
108-10-1		F039		
Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes

Acetaldehyde 75-07-0			_	U001
Toluene 108-88-3	U220	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151		U220

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene	-		Toxic waste	
108-88-3			waste number F025	
			Waste description:	
			Condensed light ends, spent	
			filters and filter aids, and	
			spent desiccant wastes from	
			the production of certain	
			chlorinated aliphatic	
			hydrocarbons, by free radical	
			catalyzed processes. These	
			chlorinated aliphatic	
			hydrocarbons are those	
			having carbon chain lengths	
			ranging from one to and	
			including five, with varying	
			amounts and positions of	
			chlorine substitution.	

# California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ethanol	Toxic
64-17-5	Ignitable
Heptane	Toxic
142-82-5	Ignitable
Toluene	Toxic
108-88-3	Ignitable
Acetaldehyde	Toxic
75-07-0	Ignitable

# 14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT

UN/ID No UN1210
Proper Shipping Name Printing ink

Hazard class 3
Packing Group II

**IATA** 

UN number UN1210
Proper Shipping Name Printing ink

Transport hazard class(es) 3
Packing Group ||

<u>IMDG</u>

UN number UN1210
Proper Shipping Name Printing ink

Transport hazard class(es) 3
Packing Group ||

# 15. REGULATORY INFORMATION

# **International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene Glycol Monobutyl Ether	Х	ACTIVE	Х	Х	Х	Х	Х	Х	Х
Ethanol	Х	ACTIVE	Х	X	Х	X	X	X	Х
Titanium dioxide	Х	ACTIVE	X	X	X	X	X	X	Х
Pigment Yellow 14	Х	ACTIVE	Х	X	Х	X	Х	X	Х
Methylisobutyl ketone	Х	ACTIVE	Х	X	X	X	X	X	Х
Heptane	Х	ACTIVE	Х	X	X	X	X	X	Х
Solvent naphtha (petroleum), light aliphatic	Х	ACTIVE	Х	Х		Х	Х	Х	Х
Acetaldehyde	Х	ACTIVE	Х	X	Х	Х	Х	X	Х
Toluene	Х	ACTIVE	X	X	Х	X	X	X	Х

Legend:

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## **US Federal Regulations**

## **CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methylisobutyl ketone 108-10-1	5000 lb.		RQ 5000 lb. final RQ RQ 2270 kg final RQ
Acetaldehyde 75-07-0	1000 lb.		RQ 1000 lb. final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb. 1 lb.		RQ 1000 lb. final RQ RQ 454 kg final RQ RQ 1 lb. final RQ RQ 0.454 kg final RQ

#### **SARA 313**

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	37-40	1.0
Methylisobutyl ketone - 108-10-1	108-10-1	0.1-1	1.0
Acetaldehyde - 75-07-0	75-07-0	Trace	0.1
Toluene - 108-88-3	108-88-3	Trace	1.0

# **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Toluene	1000 lb.	X	X	X
Acetaldehyde	1000 lb.			X

USM-004 - Type D NL Yellow US State Regulations	Revision Date: 03-Feb-2021

# **California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65	
Ethanol - 64-17-5	Carcinogen	
	Developmental	
Titanium dioxide - 13463-67-7	Carcinogen	
Methylisobutyl ketone - 108-10-1	Carcinogen	
, ,	Developmental	
Toluene - 108-88-3	Developmental	
Acetaldehyde - 75-07-0	Carcinogen	

## **U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether 111-76-2	Х	Х	Х
Ethanol 64-17-5	Х	Х	Х
Titanium dioxide 13463-67-7	X	Х	Х
Methylisobutyl ketone 108-10-1	X	X	Х
Heptane 142-82-5	X	X	X
Acetaldehyde 75-07-0	X	X	X
Toluene 108-88-3	X	X	X

# **16. OTHER INFORMATION**

**Health Hazards NFPA** Flammability Instability **Special Hazards** Not determined Not determined Not determined Not determined **Health Hazards** Physical hazards Personal Protection **HMIS** Flammability Not determined Not determined Not determined Not determined

Issue Date:03-Feb-2021Revision Date:03-Feb-2021Revision Note:New format

# **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**