according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!
------------	--------------------

Version	Revision Date:
02.01	22.03.2021

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name Unique Formula Identifier (UFI)		MEtherm 55 9X50-30EY-V000-G41J
1.2 Relevant identified uses of the	ne s	ubstance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Decalcification agent
Recommended restrictions on use	:	Restricted to professional users.
1.3 Details of the supplier of the	saf	etv data sheet
Supplier		MELAG Medizintechnik GmbH & Co. KG Geneststraße 6-10
		10829 Berlin Germany Telephone: +4930-7579110 Telefax: +4930-757901199 MEtherm-OEM@melag.de www.melag.com
Producer	:	Schülke & Mayr GmbH Robert-Koch-Str. 2
		22851 Norderstedt Germany Telephone: +49 (0)40/ 52100-0 Telefax: +49 (0)40/ 52100318 mail@schuelke.com www.schuelke.com
E-mail address of person responsible for the SDS/Contact person	:	Safety Coordinator: +49(0)30 /335 055 33
1.4 Emergency telephone number	ər	
Emergency telephone num-	:	UK Poisons Emergency number: 0870 600 6266

ber

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)		
Corrosive to metals, Category 1	H290: May be corrosive to metals.	
Eye irritation, Category 2	H319: Causes serious eye irritation.	

according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!

Version	Revision Date:
02.01	22.03.2021

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) Hazard pictograms :			
Signal word	:	Warning	
Hazard Statements	:	H290 May be corrosive to metals.H319 Causes serious eye irritation.	
Precautionary Statements	:	Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with wa- ter for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/ attention.	

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

No hazards to be specially mentioned.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

: Solution of the following substances with harmless additives.

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
1,2,3-Propanetricarboxylic acid, 2-	5949-29-1	Eye Irrit. 2; H319	>= 50 - < 70
hydroxy-, monohydrate	201-069-1		
	01-2119457026-42-		
	XXXX		

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off all contaminated clothing immediately.

according to Regulation (EC) No. 1907/2006



		competence in hygiene
MEtherm :	55 No Change	Service!
Version 02.01	Revision Date: 22.03.2021	Date of last issue: 10.03.2020 Date of first issue: 08.03.2017
If inhaled		: If breathed in, move person into fresh air.
In case of	skin contact	: Wash with water and soap as a precaution. If symptoms persist, call a physician.
In case of	eye contact	 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye irritation persists, consult a specialist.
If swallow	ed	: Rinse mouth with water. Give small amounts of water to drink. Consult a physician if necessary.
4.2 Most impo	rtant symptoms an	d effects, both acute and delayed
Symptoms	6	: Treat symptomatically.
4.3 Indication	of any immediate n	nedical attention and special treatment needed
Treatment		: For specialist advice physicians should contact the Poisons Information Service.
SECTION 5:	Firefighting meas	ures
5.1 Extinguish	ing media	
Suitable e	xtinguishing media	: Dry powder Foam Water spray jet Carbon dioxide (CO2)
Unsuitable media	extinguishing	: Do NOT use water jet.
5.2 Special ha	zards arising from	he substance or mixture
Specific ha	azards during fire-	: No information available.
Hazardous ucts	s combustion prod-	: Carbon dioxide (CO2) Carbon monoxide
5.3 Advice for	firefighters	
Special pr for firefigh		: In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!	
Version	Revision Date:	Date of last issue: 10.03.2020
02.01	22.03.2021	Date of first issue: 08.03.2017

6.2 Environmental precautions

Environmental precautions : Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Wipe up with absorbent material (e.g. cloth, fleece).
	Soak up with inert absorbent material (e.g. sand, silica gel,
	acid binder, universal binder, sawdust).

6.4 Reference to other sections

see Section 8 + 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Never mix concentrates directly.
Advice on protection against fire and explosion	:	No special protective measures against fire required.
Hygiene measures	:	Keep away from food and drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Store at room temperature in the original container.
Further information on stor- age conditions	:	Keep away from heat. Keep container tightly closed. Recom- mended storage temperature: 5 - 25°C
Advice on common storage	:	No materials to be especially mentioned.
7.3 Specific end use(s) Specific use(s)		none

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
1,2,3-Propanetricarboxylic acid,	Fresh water	0.44 mg/l
2-hydroxy-, monohydrate		
	Marine water	0.044 mg/l
	Fresh water sediment	7.52 mg/kg
	Marine sediment	0.752 mg/kg
	Soil	29.2 mg/kg

8.2 Exposure controls

Personal protective equipment

according to Regulation (EC) No. 1907/2006



MEtherm 55 Version 02.01	<i>No Change S</i> Revision Date: 22.03.2021	Cervice! Date of last issue: 10.03.2020 Date of first issue: 08.03.2017
Eye protectio	n :	Safety glasses with side-shields conforming to EN166
Hand protecti Directive	on :	The selected protective gloves have to satisfy the specifica- tions of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Remarks	:	Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection. Pro- longed contact: Nitrile rubber gloves e.g. Camatril (>480 Min., layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protec- tion.
Respiratory p	rotection :	No personal respiratory protective equipment normally re- quired.
Protective me	easures :	Avoid contact with skin and eyes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	colourless
Odour	:	nearly odourless
Odour Threshold	:	not determined
рН	:	2 (20 °C) Concentration: 100 %
Melting point/freezing point	:	ca. 0 °C
Decomposition temperature		Not applicable
Boiling point/boiling range	:	ca. 100 °C
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas) Upper explosion limit / Upper flammability limit		Not applicable Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	ca. 25 hPa (20 °C)

according to Regulation (EC) No. 1907/2006



WELNerin 55	No Change	Se	rvice!
Version 02.01	Revision Date: 22.03.2021		Date of last issue: 10.03.2020 Date of first issue: 08.03.2017
Vapour densit	ty	:	No data available
Relative dens	ity	:	ca. 1.17 g/cm3 (20 °C)
Solubility(ies) Water solu		:	completely soluble (20 °C)
Partition coeff octanol/water		:	Not applicable
Auto-ignition t	temperature	:	No data available
Viscosity Viscosity,	dynamic	:	ca. 4 mPa*s Method: ISO 3219
Explosive pro	perties	:	No data available
Oxidizing prop	perties	:	Not applicable
9.2 Other informa Metal corrosic			> 6.25 mm/a
		-	Corrosive to metals Aluminium and Mild steel

MFtherm 55 No Change Service!

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : None reasonably foreseeable.

10.4 Conditions to avoid

Conditions to avoid	:	Protect from frost, heat and sunlight.
---------------------	---	--

10.5 Incompatible materials

Materials to avoid : Metals

10.6 Hazardous decomposition products

None reasonably foreseeable.

according to Regulation (EC) No. 1907/2006



MEtherm 55 No Change Service!

VersionRevision Date:02.0122.03.2021

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Acute oral toxicity	:	LD50 (Mouse): 5,400 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg
Acute toxicity (other routes of administration)	:	LD50 intravenous (Rat): 725 mg/kg

Skin corrosion/irritation

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Species Result Remarks	:	Rabbit
Result	:	Mild skin irritation
Remarks	:	Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Product:

Remarks

: Causes serious eye irritation.

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Species	: Rabbit
Method	: OECD Test Guideline 405
Species Method Result	: Eye irritation

Respiratory or skin sensitisation

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Method Result	:	OECD Test Guideline 406
Result	:	Does not cause skin sensitisation.

Germ cell mutagenicity

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

according to Regulation (EC) No. 1907/2006



IC4baura		~	competence in nygier
ersion 2.01	55 No Change Revision Date: 22.03.2021	e Se	Date of last issue: 10.03.2020 Date of first issue: 08.03.2017
Genotox	icity in vitro	:	Test Type: Ames test Test system: Salmonella typhimurium Concentration: 0 - 5 mg/ plate Method: Mutagenicity (Salmonella typhimurium - reverse mu- tation assay) Result: negative
Genotox	icity in vivo	:	Species: Rat Application Route: Oral Method: OECD Test Guideline 475 Result: negative
Germ ce sessmer	• •	:	In vitro tests did not show mutagenic effects
Carcino	genicity		
<u>Compor</u>	nents:		
1,2,3-Pro	opanetricarboxylic a	acid	, 2-hydroxy-, monohydrate:
Carcinog ment	genicity - Assess-	:	Not classifiable as a human carcinogen.
Reprodu	uctive toxicity		
<u>Compor</u>	nents:		
1,2,3-Pro	opanetricarboxylic a	acid	, 2-hydroxy-, monohydrate:
Effects o ment	n foetal develop-	:	Species: Rat Application Route: Oral General Toxicity Maternal: NOAEL: 2,500 mg/kg body weight
Reprodu sessmer	ctive toxicity - As- nt	:	No toxicity to reproduction Did not show mutagenic or teratogenic effects in animal ex- periments.
STOT - s	single exposure		
<u>Compor</u>	nents:		
1,2,3-Pro	opanetricarboxylic a	acid	, 2-hydroxy-, monohydrate:
Remarks	3	:	No data available
	repeated exposure		
STOT - I	cpcatca cxposuic		
STOT - I <u>Compor</u>			
<u>Compor</u>	nents:	acid	, 2-hydroxy-, monohydrate:

according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!
Version	Revision Date:

02.01

22.03.2021

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

Repeated dose toxicity

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Species	: Rat
NOAEL	: 4,000 mg/kg
LOAEL	: 8,000 mg/kg
Application Route	: Oral
Species NOAEL LOAEL Application Route Exposure time	: 10 d

Aspiration toxicity

No data available

Further information

Product:

Remarks

: No data is available on the product itself.

SECTION 12: Ecological information

12.1 Toxicity

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 440 - 760 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna): 85 - 120 mg/l Exposure time: 72 h
Toxicity to algae/aquatic plants	:	NOEC (Scenedesmus quadricauda (Green algae)): 425 mg/l Exposure time: 8 Days Test Type: static test
Toxicity to microorganisms	:	(Pseudomonas putida): > 10,000 mg/l Exposure time: 16 h

12.2 Persistence and degradability

Product:

Biodegradability	:	Result: Readily biodegradable. Method: OECD 301D / EEC 84/449 C6

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Readily biodegradable. adation: 97 % OECD Test Guideline 301B

according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!
Version	Revision Date:

191011	Revision Date.
02.01	22.03.2021

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

12.3 Bioaccumulative potential

Components:

1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).

12.4 Mobility in soil

Components:

1,2,3-Propanetricarboxylic	c acid	2-hydroxy-, monohydrate:
Mobility	:	Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	 This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Other adverse effects

Product:

Additional ecological infor- mation	:	No data is available on the product itself.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Dispose of the product according to the defined EWC (European Waste Code) No.	ro-
Contaminated packaging	: Take empty packaging to the recycling plant.	
Waste key for the unused product	: European waste catalog (EWC) 070601*	
Waste key for the unused product(Group)	: Waste material of HZVA from fats, lubricants, soaps, deter gents, disinfectants and personal protection products.	r-

SECTION 14: Transport information

14.1 UN number

ADR	:	UN 3265
IMDG	:	UN 3265
ΙΑΤΑ	:	UN 3265

according to Regulation (EC) No. 1907/2006



Version Revision Date: Date of last issue: 10.03.2020 02.01 22.03.2021 Date of first issue: 08.03.2017 14.2 UN proper shipping name ADR : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid) IMDG : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid) IMTA : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid) 14.3 Transport hazard class(es) ADR : Corrosive liquid, acidic, organic, n.o.s. (citric acid) 14.4 Packing group : 8 . ADR : 8 . Packing group : III . Classification Code : C3 Hazard Identification Number : 80 Labels : 8 Tunnel restriction code : (E) MDG : * Packing group : III Labels : 8 Ems Code : F-A, S-B IATA (Cargo) : 856 Packing instruction (LQ) : Y8411 Packing instruction (LQ) :<	MEtherm	55 No Change	Se	rvice!
ADR::CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid)IMDG::::CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid)IATA:::::IATA:::::ADR:::::ADR::::ADR::::ADR::::Packing group::IIIClassification Code::IATA:::Diation Code:::IATA:::Diation Code::IATA::::Packing group::IIIClassification Code::::::Diation Code::::::Packing group::::III::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group::::::Packing group:::::::::::::::: <th::< th=""><th>Version</th><th>Revision Date:</th><th></th><th>Date of last issue: 10.03.2020</th></th::<>	Version	Revision Date:		Date of last issue: 10.03.2020
(citric acid)IMDG:CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid)IATA:CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid)14.3 Transport hazard class(es):ADR:8IMDG:8IATA:8IATA:8TAA:10Packing group:10Classification Code:C3Hazard Identification Number:80Labeis:8Tunnel restriction code:(E)MDC:8Packing group:10Labeis:8Tunnel restriction code:58Packing instruction (cargo aricraft):856Packing instruction (LQ):Y841Packing instruction (LQ):10Packing instruction (LQ):852Packing instruction (LQ):11Labeis:852er aricraft):11Packing instruction (LQ):11Packing instruction (LQ):11Packing instruction (LQ):1241Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ):: <td>14.2 UN prop</td> <td>er shipping name</td> <td></td> <td></td>	14.2 UN prop	er shipping name		
(citric acid)IATA:Corrosive liquid, acidic, organic, n.o.s. (citric acid)14.3 Transport hazard class(es):Corrosive liquid, acidic, organic, n.o.s. (citric acid)ADR:8MDG:8IMDG:8IATA:8Classification Code:IIIClassification Code:Citric acid)Hazard Identification Number:80Labels:IIIClassification Code:8Tunnel restriction code:IIILabels:8Tunnel restriction code:IIILabels:8Tunnel restriction (cargo arirarit):856Packing group:IIIPacking instruction (LQ):\$852Packing instruction (LQ):\$852Packing instruction (LQ):852Packing group:IIILabels:852Packing instruction (LQ):\$852Packing instruction (LQ):852Packing instruction (LQ):1IIPacking group:IIILabels:CorrosiveItaleis:CorrosiveItaleis:CorrosiveItaleis:IIIPacking instruction (LQ):Y8411Packing instruction (LQ):IIILabels:CorrosiveItaleis: <th< td=""><td>ADR</td><td></td><td>:</td><td></td></th<>	ADR		:	
(citric acid)14.3 Transport hazard class(es)ADR:8IMDG:8IMDG:8IATA:814.4 Packing group:IIIClassification Code:C3Hazard Identification Number:80Labels:8Tunnel restriction code:(E)IMDG:IIILabels:8Tunnel restriction code:6Packing group:IIILabels:8EmS Code:F-A, S-BIATA (Cargo):856Packing instruction (cargo:856aircraft)::Packing instruction (cargo):852ger aircraft)::Packing instruction (LQ):Y841Packing instruction (passen- ger aircraft):Packing instruction (LQ):Y841Packing instruction (LQ):Y841Packing group:IIILabels::ADR Packing group:IIILabels::ADR ger aircraft)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (LQ):: <td>IMDG</td> <td></td> <td>:</td> <td></td>	IMDG		:	
ADR:8IMDG:8IMDG:8IATA:814.4 Packing group:IIIClassification Code:C3Hazard Identification Number:80Labels:8Tunnel restriction code:IMDG:Packing group:ILabels:EmS Code:IATA (Cargo):Packing instruction (cargo:Packing instruction (LQ):Packing instruction (LQ):Packing instruction (passen- ger aircraft):Packing instruction (LQ):Packing instruction (LQ):Packing instruction (LQ):Packing instruction (LQ):Backing instruction (LQ):Packing instruction (LQ)<	ΙΑΤΑ		:	
IMDG::IMDG::IATA::IATA::IATA::IATA::IATA::Packing group:IIIClassification Code::Packing group:IIILabels::Tunnel restriction code::Packing group:IIILabels::Packing instruction (cargo)::Packing instruction (cargo)::Packing instruction (LQ)::Packing instruction (LQ)::Packing instruction (passen-::Packing instruction (passen-::Packing instruction (LQ)::Packing instruction (LQ):Packing instruction (LQ) <t< td=""><td>14.3 Transpo</td><td>rt hazard class(es)</td><td></td><td></td></t<>	14.3 Transpo	rt hazard class(es)		
IATA:8IATA:IATA:8IATA:IIIClassification Code::Packing group:IIIClassification Code::Hazard Identification Number::Labels::Tunnel restriction code::IMDG:IIIPacking group:IIILabels::Packing group::Packing instruction (cargo::Packing instruction (cargo::Packing instruction (LQ)::Packing instruction (L	ADR		:	8
14.4 Packing group III Packing group III Classification Code C3 Hazard Identification Number 80 Labels III Tunnel restriction code III Packing group III Labels III Packing group III Labels Corrosive IATA (Passenger) III Packing instruction (LQ) III Labels III Labels III Labels Va841 Packing instruction (LQ) III Labels III Labels Corrosive III	IMDG		:	8
ADR III Packing group : III Classification Code : C3 Hazard Identification Number : 80 Labels : 8 Tunnel restriction code : (E) IMDG	ΙΑΤΑ		:	8
Packing group:IIIClassification Code:C3Hazard Identification Number:80Labels:8Turnel restriction code:(E) IMDG :IIIPacking group:1Labels:8EmS Code:*Packing instruction (cargo):856Packing group:101Packing group:856aircraft):101Packing group:856aircraft):0Packing group:101Labels:552ger aircraft):852Packing instruction (LQ):852ger aircraft):101Packing group:101Labels:0AttA (Passenger):852Packing instruction (LQ):102Packing group:101Labels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0<	14.4 Packing	group		
Packing group:IIIClassification Code:C3Hazard Identification Number:80Labels:8Turnel restriction code:(E) IMDG :IIIPacking group:1Labels:8EmS Code:*Packing instruction (cargo):856Packing group:101Packing group:856aircraft):101Packing group:856aircraft):0Packing group:101Labels:552ger aircraft):852Packing instruction (LQ):852ger aircraft):101Packing group:101Labels:0AttA (Passenger):852Packing instruction (LQ):102Packing group:101Labels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0tabels:0<	ADR			
IMDGIIIPacking group:IIILabels:8EmS Code:F-A, S-BIATA (Cargo):856Packing instruction (LQ):Y841Packing group:IIILabels:CorrosiveIATA (Passenger):852Packing instruction (LQ):Y841Packing instruction (Dassen- ger aircraft):852Packing instruction (LQ):Y841Packing group:IIILabels:CorrosiveIATA (Passenger):852Packing instruction (LQ):Y841Packing group:IIILabels:CorrosiveIATS Environmental hazards:IIIEnvironmentally hazardous:noIMDG Marine pollutant:no	Classifica Hazard lo Labels	ation Code dentification Number	:	C3 80 8
Packing group:IIILabels:8EmS Code:F-A, S-BIATA (Cargo):856Packing instruction (cargo:856aircraft):Y841Packing group:IIILabels:0 CorrosiveIATA (Passenger):852Packing instruction (LQ):Y841Packing instruction (passen-:852ger aircraft):Y841Packing instruction (LQ):Y841Packing instruction (LQ):Y841Packing group:IIILabels:CorrosiveIATA (Passenger):NoPacking instruction (LQ):Y841Packing group:IIILabels:CorrosiveIATS Environmental hazards:IMDG Marine pollutant:no				
Packing instruction (cargo :856aircraft)Packing instruction (LQ) :Y841Packing group :IIILabels :CorrosiveIATA (Passenger)S52Packing instruction (passen- :852ger aircraft)Y841Packing instruction (LQ) :Y841Packing group :IIILabels :Corrosive	Packing g Labels		::	8
aircraft) Packing instruction (LQ) : Y841 Packing group : III Labels : Corrosive IATA (Passenger) Packing instruction (passen- : 852 ger aircraft) Packing instruction (LQ) : Y841 Packing group : III Labels : Corrosive 14.5 Environmental hazards ADR Environmentally hazardous : no IMDG Marine pollutant : no				856
Packing group Labels:IIILabels:CorrosiveIATA (Passenger) Packing instruction (passen- ger aircraft) Packing group Labels:852Packing instruction (LQ):Y841Packing group Labels:IIICorrosive:Corrosive14.5 Environmental hazards:corrosiveIMDG Marine pollutant:no	aircraft)		•	
Labels : Corrosive IATA (Passenger)			÷	
Packing instruction (passen- 852 ger aircraft) Y841 Packing instruction (LQ) III Labels Corrosive 14.5 Environmental hazards ADR Environmentally hazardous no IMDG no Marine pollutant no		group	:	
Packing instruction (LQ) : Y841 Packing group : III Labels : Corrosive 14.5 Environmental hazards : Former in the second	Packing i	instruction (passen-	:	852
Labels : Corrosive 14.5 Environmental hazards			:	Y841
14.5 Environmental hazards ADR Environmentally hazardous : IMDG Marine pollutant :		group	:	
ADREnvironmentally hazardous:IMDGMarine pollutant:		mental hazards	•	Conosive
Environmentally hazardous : no IMDG Marine pollutant : no				
IMDG Marine pollutant : no		nentally hazardous	:	no
	IMDG	-	:	
	-		-	

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations. For personal protection see section 8.

according to Regulation (EC) No. 1907/2006



MEtherm 55 No Change Service!

Version	Revision Date:
02.01	22.03.2021

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	: Conditions of restriction for the fol- lowing entries should be considered Number on list 3	:
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable	
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable	
Regulation (EC) No 1005/2009 on substances that de- plete the ozone layer	: Not applicable	
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	: Not applicable	
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	: Not applicable	

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

Other regulations:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

15.2 Chemical safety assessment

Exempt

SECTION 16: Other information

Full text of H-Statements				
H319	:	Causes serious eye irritation.		
Full text of other abbreviations				
Eye Irrit.	:	Eye irritation		

according to Regulation (EC) No. 1907/2006



MEtherm 55	No Change Service!	
Version	Revision Date:	
02.01	22.03.2021	

Date of last issue: 10.03.2020 Date of first issue: 08.03.2017

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; 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; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet: SVHC - Substance of Very High Concern: TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixtur	e:	Classification procedure:
Met. Corr. 1	H290	Based on product data or assessment
Eye Irrit. 2	H319	Calculation method

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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.