

Safety Data Sheet according to Regulation (EU) 2015/830 Date of issue: 25/01/2017

Revision date: 09/02/2017

Version: 1.1

1.1. Product identi	tier			
Product form	:	Mixtures		
Trade name	:	TUBALL MATRIX 203		
1.2. Relevant ident	ified uses of the substar	nce or mixture and uses advise	ed against	
1.2.1. Relevant ident				
Use of the substance/mix		The additive		
1.2.2. Uses advised	against			
No additional information	-			
1.3. Details of the	supplier of the safety dat	a sheet		
Europe:	USA:	Asia:	China	India:
OCSiAl Europe S.a.r.l.	OCSIAI LLC	OCSiAl Asia Pacific Co., Ltd.	OCSiAl Hong Kong Limited	OCSIAI PRIVATE LIMITED
L-3364, Leudelange, 1, rue de la Poudrerie, Grand Duchy of	500 S Front St., Suite 860, Columbus, OH 43215, USA	Office 208, Pilot Plant Bldg., Incheon Technopark 12 Gaetbeol-ro, Yeonsu-gu,	Unit 914, 9/F, Miramar Tower, 132 Nathan Road, Tsim Sha Tsui, Kowloon,	A504 Universal Business Park, Ansa Industrial Estate Chandivali, Andheri (E)
Luxembourg T +352 27 99 03 73 europe@ocsial.com	T +1 415 906 5271 usa@ocsial.com	Incheon, 406-840 Republic of Korea T +82 32 260 0407 asiapacific@ocsial.com	Hong Kong T +852 3180 9317 china@ocsial.com	Mumbai 400072 T +91 22 4120 8615 india@ocsial.com
1.4. Emergency tel	ephone number	·		
Europe:	USA:	Asia:	China	India:
+352 27 99 03 73)9.00-17.00 GMT+2	+1 415 906 5271 09.00-17.00 GMT-4	+82 32 260 0407 09.00-17.00 GMT+9	+852 3180 9317 09:00-17:00; GMT+8	+91 22 4120 8615 09:00-17:00; GMT+5.5
Serious eye damage/eye Sensitisation — Skin, cate Germ cell mutagenicity, C Hazardous to the aquatic	egory 1A	H319 H317 H341 lazard, Category 2 H411		
Full text of H statements	: see section 16			
Adverse physicochemic No additional information	c <mark>al, human health and en</mark> available	vironmental effects		
2.2. Label element	S			
Labelling according to I Hazard pictograms (CLP)	Regulation (EC) No. 1272	()		
Signal word (CLP)	:	GHS07 GHS08 Warning	GHS09	
Hazard statements (CLP)		H317 - May cause an allergic sl H319 - Causes serious eye irrita H341 - Suspected of causing ge H411 - Toxic to aquatic life with	ation enetic defects	
Precautionary statements	s (CLP) :	P201 - Obtain special instructio P202 - Do not handle until all sa P261 - Avoid breathing dust/fun P264 - Wash hands, forearms a P272 - Contaminated work cloth P273 - Avoid release to the env	afety precautions have been rea ne/gas/mist/vapours/spray and face thoroughly after handlii hing should not be allowed out o	ng

Safety Data Sheet

according to Regulation (EU) 2015/830

Revision date:

Version: 1.1

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures ►

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,3-epoxypropyl neodecanoate (fatty acid glycidyl ester)	(CAS No) 26761-45-5 (EC no) 247-979-2 (REACH-no) 01-2119431597-33-0000	70	Skin Sens. 1A, H317 Muta. 2, H341 Aquatic Chronic 2, H411
Alkylolammonium salt	(CAS No) 398475-96-2 (EC no) 812-737-2	<10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Single wall carbon nanotubes	(EC no) 943-098-9 (REACH-no) 01-2120130006-75	10	Eye Irrit. 2, H319

Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/injuries	: Excessive exposure may lead to burning sensation in the mouth and throat, salivation, nausea, abdominal pain, vomiting, and diarrhoea.
Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract.
Symptoms/injuries after skin contact	: May cause moderate irritation, including burning sensation, tearing, redness or swelling.
4.3. Indication of any immediate medic	al attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Powder, alcohol-resistant foam, water spray, carbon dioxide.
Linquitable extinguishing modia	

Unsuita	able extinguishing media	:	None known.
5.2.	Special hazards arising from the su	ubs	tance or mixture
Fire ha	zard	:	Flammable vapours can accumulate in head space of closed systems. Residue may be flammable and explosive.
Explos	ion hazard	:	May form flammable/explosive vapour-air mixture.
Hazaro fire	lous decomposition products in case of	:	Carbon dioxide. Carbon monoxide.
5.3.	Advice for firefighters		

```
Protective equipment for firefighters
```

: In case of fire: Wear self-contained breathing apparatus.

SECTIO	ON 6: Accidental release meas	sures
6.1.	Personal precautions, protective eq	Jipment and emergency procedures
6.1.1.	For non-emergency personnel	
Protective	e equipment	: Wear suitable protective clothing.
Emergen	cy procedures	: Ensure adequate ventilation. Evacuate area.
6.1.2.	For emergency responders	
Protective	e equipment	: Wear suitable protective clothing, gloves and eye/face protection. In case of fire: Wear self- contained breathing apparatus.
Emergen	cy procedures	: Provide adequate ventilation. Evacuate area. Avoid inhalation of vapours.
6.2.	Environmental precautions	
Do not all	ow to enter into surface water or drains	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Safety Data Sheet

according to Regulation (EU) 2015/830

Revision date:

Version: 1.1

Revision date: Version: 1.1
nment and cleaning up
: Clean spills promptly. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ventilate affected area. Stop leak if safe to do so.
: Collect in closed containers for disposal. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Clean spills promptly.
•
 Avoid contact with skin, eyes and clothes. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. To prevent thermal burns avoid contact with hot product.
: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
uding any incompatibilities
: Store in dry, cool, well-ventilated area. Keep container tightly closed. Protect from sunlight.
: 2 years.
: 5 - 60 °C
: Keep away from open flames, hot surfaces and sources of ignition.
: Store away from. Water (Including sewage plant).
: Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment:

Gloves. Protective clothing. High gas/vapour concentration: gas mask.

Materials for protective clothing:

Wear suitable protective clothing. EN 14605

Hand protection:

Wear suitable gloves tested to EN 374. Thickness of glove material: > 0.18 mm. Breakthrough time : > 480 min. Use neoprene or rubber gloves. The use of thermally-resistant gloves is recommended when there is potential for exposure to molten wax

Eye protection:

Chemical goggles or safety glasses. EN 166

Skin and body protection:

Protective clothing (with elasticated cuffs and closed neck)

Respiratory protection:

In case of inadequate ventilation wear respiratory protection



SECTION 9: Physical and chemica	al properties
9.1. Information on basic physical and	d chemical properties
Appearance	: Flakes. Pasty.
Colour	: Black
Odour	: Slight
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available

Safety Data Sheet

according to Regulation (EU) 2015/830

Melting point	: <-60 °C
Freezing point	: No data available
Boiling point	: 278 °C
Flash point	: 126 °C
Auto-ignition temperature	: > 280 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Slightly soluble in water. Soluble in organic solvents.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
Stable under normal conditions.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
Keep away from open flames, hot surfaces and sources of ignition.
10.5. Incompatible materials
Strong oxidizing agents.
10.6. Hazardous decomposition products
Thermal combustion may release carbon monoxide and dioxide.

on
: Not classified
> 10 g/kg
> 4000 mg/kg
> 0.25 mg/l/4h
: Not classified
: Causes serious eye irritation.
: May cause an allergic skin reaction.
: Not classified

Safety Data Sheet

according to Regulation (EU) 2015/830

Revision date:

Version: 1.1

	5/830		Revision d	ate: Version: 1.1
SECTION 12: Ecolog	ical information			
12.1. Toxicity				
Neodecanoic acid, oxira	nylmethyl ester			
LC50 fish 1		ng/I (Exposure time: 96 h - Specie	es: Oncorhvnchus mykiss [sem	ni-staticl)
EC50 Daphnia 1		mg/l (Exposure time: 48 h - Spec		
EC50 96h algae (1)		mg/l (Species: Pseudokirchnerie		
12.2. Persistence and	degradability			
No additional information av				
12.3. Bioaccumulative	potential			
Neodecanoic acid, oxira	nylmethyl ester			
Log Pow		(at 20 °C)		
12.4. Mobility in soil	·			
No additional information av	ailable			
12.5. Results of PBT a	nd vPvB assessment			
No additional information av				
12.6. Other adverse ef				
No additional information av	ailable			
SECTION 13: Dispos	al considerations			
13.1. Waste treatment	methods			
Regional legislation (waste)	: Dis	spose of this material and its cont	ainer to hazardous or special	waste collection point.
Waste treatment methods	: Dis	sposal through controlled incinera	tion or authorised waste dump).
Sewage disposal recommer	ndations : Pre	event entry to sewers and public v	waters.	
SECTION 14: Transp				
In accordance with ADR / R				
ADR	IMDG	ΙΑΤΑ	ADN	RID
ADR 14.1. UN number	IMDG			
ADR 14.1. UN number 3082	IMDG 3082	IATA 3082	ADN 3082	RID 3082
ADR 14.1. UN number 3082 14.2. UN proper shipp	IMDG 3082 ing name	3082	3082	3082
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS	IMDG 3082			
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 Environmentally	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS	3082 ENVIRONMENTALLY HAZARDOUS
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription	3082 Environmentally hazardous substance, liquid, n.o.s.	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS	3082 Environmentally hazardous substance, liquid, n.o.s.	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E)	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E) 14.3. Transport hazard 9	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E) 14.3. Transport hazard	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E) 14.3. Transport hazard 9 14.4. Packing group III	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT i class(es) 9 III	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III 9 9 Image: substance of the second secon	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E) 14.3. Transport hazard 9 14.4. Packing group III 14.5. Environmental h Dangerous for the	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT i class(es) 9 III azards Dangerous for the	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III 9 9 10 10 11 11 Dangerous for the	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III 9 9 10 10 11 11 Dangerous for the	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III 9 9 10 10 11 11 Dangerous for the
ADR 14.1. UN number 3082 14.2. UN proper shipp ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Transport document desc UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E) 14.3. Transport hazard 9 14.4. Packing group III 14.5. Environmental h	IMDG 3082 ing name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ription UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT i class(es) 9 III azards	3082 Environmentally hazardous substance, liquid, n.o.s. UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III 9 9 III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

No supplementary information available

14.6. Special precautions for user

- Overland transport

Classification code (ADR)

: M6

Safety Data Sheet

	according to Regulation (EU) 2015/830
--	---------------------------------------

according to Regulation (EU) 2015/830	
Special provisions (ADR)	: 274, 335, 601, 375
Limited quantities (ADR)	: 51
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	90
	3082
Tunnel restriction code (ADR)	: E
EAC code	: •3Z
Transact by and	
- Transport by sea	074 005 000
Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4 : TP2 TP20
Tank special provisions (IMDG)	: TP2, TP29 : F-A
EmS-No. (Fire)	: S-F
EmS-No. (Spillage)	-
Stowage category (IMDG)	: A
MFAG-No	: 127;128
- Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L
- Inland waterway transport	
Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	. ст : Т
Equipment required (ADN)	. I : PP
Number of blue cones/lights (ADN)	: PF : 0
NUMBER OF DIGE COTES/TIGHTS (ADIN)	. U

Revision date:

Version: 1.1

Safety Data Sheet

according to Regulation (EU) 2015/830

- Rail transport

itan transport	
Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference	:	Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	:	Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Netherlands		
SZW-lijst van kankerverwekkende stoffen	:	None of the components are listed
SZW-lijst van mutagene stoffen	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	None of the components are listed
Denmark		
Recommendations Danish Regulation	:	Young people below the age of 18 years are not allowed to use the product
		Pregnant/breastfeeding women working with the product must not be in direct contact with the product
		The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

CSA has not been established

Revision date: Version: 1.1

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 16: Other information

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Muta. 2	Germ cell mutagenicity, Category 2			
Skin Sens. 1A	Sensitisation — Skin, category 1A			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation			
H315	Causes skin irritation			
H317	May cause an allergic skin reaction	May cause an allergic skin reaction		
H319	Causes serious eye irritation	Causes serious eye irritation		
H335	May cause respiratory irritation	May cause respiratory irritation		
H341	Suspected of causing genetic defects	Suspected of causing genetic defects		
H400	Very toxic to aquatic life	Very toxic to aquatic life		
H410	Very toxic to aquatic life with long lasting effects			
H411	Toxic to aquatic life with long lasting effects	Toxic to aquatic life with long lasting effects		
Classification and procedure	sed to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Eye Irrit. 2	H319			
Skin Sens. 1A	H317			
Skin Irrit. 2	H315			
Muta. 2	H341			
Aquatic Acute 1	H400			
Aquatic Chronic 1	H410			
Aquatic Chronic 2	H411			

List of Abbreviations:

ADN	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labeling, Packaging
CSA	Chemical Safety Assessment
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
PBT	A substance that is persistent, bioaccumulative and toxic
RID	Regulation Concerning the International Transport of Dangerous Goods by Rail
vPvB	A substance that is very persistent and very bioaccumulative

Revision : All recent revision(s) are noted by a bold triangle pointed to right '>'.

Disclaimer : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take the mentioned precautionary measures and to ensure that this information is complete and sufficient for the use of this product.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

Version: 1.1

Revision date:

e: Ve